

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 924

DATE: AUGUST 1, 2020

PROJECT RP0127

The following classification changes will be effected by this Notice of Changes:

| <u>Action</u> | <u>Subclass</u> | <u>Group(s)</u> |
|------------------|-----------------|---|
| SCHEME: | | |
| Symbols Deleted: | A63B | 2033/004, 2033/006, 2033/008 |
| | A63B | 2037/0079, 37/0081 |
| | A63B | 69/0051, 2069/0055, 2069/0062, 2069/3602, 2069/3605, 69/3611, 2069/362, 2069/3626, 2069/3629, 69/3641, 69/3644, 69/3647, 69/365, 2069/3679, 2069/3682 |
| | A63B | 2207/00, 2207/02 |
| | | |
| Symbols New: | A63B | 33/004, 33/006, 33/008 |
| | A63B | 37/00065, 37/00215, 37/00221, 37/00222, 37/00223, 37/00373, 37/00376, 37/00495, 37/00621, 37/00622, 37/00691, 37/00773, 37/00776, 37/00921, 37/00922 |
| | A63B | 41/125 |
| | A63B | 69/0055, 69/0062, 69/3605, 69/362, 69/3621, 69/36211, 69/36212, 69/36213, 69/3629, 69/3682 |
| | A63B | 71/03 |
| | A63B | 2209/18 |
| | A63B | 2214/00 |
| | A63B | 2225/11, 2225/74, 2225/76 |
| | | |
| Titles Changed: | A63B | 33/002 |
| | A63B | 37/00, 37/0003, 37/0022, 37/0039, 37/0051, 37/0069, 37/0086, 37/0092, 37/02, 37/12 |
| | A63B | 69/0053, 69/02, 69/14, 69/16 |
| | A63B | 71/00, 71/021, 71/028, 71/08, 71/085, 71/12, 71/1225, 71/1291, 71/141 |
| | A63B | 2225/00, 2225/68 |
| | | |
| Indents Changed: | A63B | 69/0053, 69/0057, 69/0059, 69/0064, 69/3614, 69/3617 |
| | | |
| Warnings New: | A63B | 33/002, 33/004, 33/006, 33/008 |
| | A63B | 37/0004, 37/0006, 37/00065, 37/0021, 37/00215, 37/0022, 37/00221, 37/00222, 37/00223, 37/0023, 37/00373, 37/00376, 37/0038, 37/00495, 37/005, 37/0062, 37/00621, 37/00622, 37/00691, 37/0077, 37/00773, 37/00776, 37/0092, 37/00921, 37/00922 |
| | | |
| | A63B | 41/00, 41/125 |
| | | |

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| <u>Action</u> | <u>Subclass</u> | <u>Group(s)</u> |
|-----------------------|------------------------|--|
| | A63B | 69/0053, 69/0055, 69/0057, 69/0062, 69/36, 69/3605, 69/3617, 69/362, 69/3623, 69/3629, 69/3676, 69/3682 |
| | A63B | 71/02, 71/03 |
| | A63B | 2209/00, 2209/18 |
| | A63B | 2214/00 |
| | A63B | 2225/11 |
| | | |
| DEFINITIONS: | | |
| Definitions Deleted: | A63B | 2069/0062, 69/3611, 69/3641, 69/3647 |
| | A63B | 2207/00, 2207/02 |
| | | |
| Definitions New: | A63B | 37/0077, 37/0097 |
| | A63B | 41/08 |
| | A63B | 69/0002, 69/0013, 69/0026, 2069/0044, 69/0048, 69/0053, 69/0093, 69/12, 69/34, 69/3605, 69/3621, 69/36211, 69/36212, 69/36213, 69/3629, 69/3652, 69/3682, 69/406 |
| | A63B | 2071/0081, 2071/0655, 2071/1258 |
| | | |
| Definitions Modified: | A63B | 15/02 |
| | A63B | 23/0211 |
| | A63B | 33/002 |
| | A63B | 37/00, 37/0003, 37/0006, 37/0022, 37/0024, 37/0039, 37/02, 37/12, 37/14 |
| | A63B | 43/06 |
| | A63B | 69/00, 69/002, 69/0057, 69/0059, 69/0064, 69/0079, 69/0097, 69/02, 69/06, 69/125, 69/14, 69/16, 69/36, 69/3608, 69/3614, 69/3617, 69/3632, 69/3661, 69/3676, 69/3685, 69/3691, 69/407, |
| | A63B | 71/0036, 71/0045, 71/02, 71/021, 71/022, 71/023, 2071/0694, 71/08, 71/085, 71/12, 71/1225, 71/1291, 71/141 |

This Notice of Changes includes the following:

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

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3. REVISION CONCORDANCE LIST (RCL)
4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)**SUBCLASS A63B - APPARATUS FOR PHYSICAL TRAINING, GYMNASTICS, SWIMMING, CLIMBING, OR FENCING; BALL GAMES; TRAINING EQUIPMENT**

| <u>Type*</u> | <u>Symbol</u> | <u>Indent Level Number of dots (e.g. 0, 1, 2)</u> | <u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u> | <u>Transferred to#</u> |
|--------------|---------------|---|--|--|
| C | A63B 33/002 | 1 | {Swimming goggles} | A63B 33/002, A63B 33/004, A63B 33/006, A63B 33/008 |
| D | A63B 2033/004 | 2 | {comprising two separate lenses joined by a flexible bridge} | < administrative transfer to A63B 33/004 INV> |
| N | A63B 33/004 | 2 | {comprising two separate lenses joined by a flexible bridge} | |
| D | A63B 2033/006 | 3 | {means allowing adjustment of the bridge} | < administrative transfer to A63B 33/006 INV> |
| N | A63B 33/006 | 2 | {with means allowing adjustment of the bridge} | |
| D | A63B 2033/008 | 4 | {stepless adjustment} | < administrative transfer to A63B 33/008 INV> |
| N | A63B 33/008 | 3 | {with stepless adjustment} | |
| M | A63B 37/00 | 0 | Solid balls; {Rigid hollow balls; }Marbles (heavy throwing balls A63B 65/06) | |
| M | A63B 37/0003 | 1 | {Golf balls} | |
| C | A63B 37/0004 | 2 | {Surface depressions or protrusions} | A63B 37/0004, A63B 37/00215 |
| C | A63B 37/0006 | 3 | {Arrangement or layout of dimples} | A63B 37/0006, A63B 37/00065 |
| N | A63B 37/00065 | 4 | {located around the pole or the equator} | |
| C | A63B 37/0021 | 3 | {Occupation ratio, i.e. percentage surface occupied by dimples} | A63B 37/0021, A63B 37/00215 |
| N | A63B 37/00215 | 3 | {Volume ratio} | |
| C | A63B 37/0022 | 2 | {Coatings, e.g. paint films; Markings} | A63B 37/0022, A63B 37/00221, A63B 37/00222, A63B 37/00223 |
| N | A63B 37/00221 | 3 | {characterised by the material} | |
| N | A63B 37/00222 | 3 | {Physical properties, e.g. hardness} | |
| N | A63B 37/00223 | 3 | {Colour tone} | |
| C | A63B 37/0023 | 2 | {Covers} | A63B 37/0023, A63B 37/00373, A63B 37/00376 |

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|--------------|----------------|---|--|---|
| U | A63B 37/0024 | 3 | {Materials other than ionomers or polyurethane} | |
| U | A63B 37/0029 | 3 | {Physical properties} | |
| U | A63B 37/0037 | 4 | {Flexural modulus; Bending stiffness} | |
| N | A63B 37/00373 | 3 | {Colour tone} | |
| N | A63B 37/00376 | 4 | {Transparency or semitransparency} | |
| C | A63B 37/0038 | 2 | {Intermediate layers, e.g. inner cover, outer core, mantle} | A63B 37/0038, A63B 37/00495 |
| M | A63B 37/0039 | 3 | {characterised by the material} | |
| U | A63B 37/004 | 3 | {Physical properties} | |
| U | A63B 37/0049 | 4 | {Flexural modulus; Bending stiffness} | |
| N | A63B 37/00495 | 3 | {Colour tone} | |
| C | A63B 37/005 | 2 | {Cores} | A63B 37/005, A63B 37/00691 |
| M | A63B 37/0051 | 3 | {Materials other than polybutadienes; Constructional details} | |
| U | A63B 37/006 | 3 | {Physical properties} | |
| C | A63B 37/0062 | 4 | {Hardness} | A63B 37/0062, A63B 37/00621, A63B 37/00622 |
| N | A63B 37/00621 | 5 | {Centre hardness} | |
| N | A63B 37/00622 | 5 | {Surface hardness} | |
| M | A63B 37/0069 | 4 | {Flexural modulus; Bending stiffness} | |
| N | A63B 37/00691 | 3 | {Colour tone} | |
| U | A63B 37/007 | 2 | {Characteristics of the ball as a whole} | |
| C | A63B 37/0077 | 3 | {Physical properties} | A63B 37/0077, A63B 37/00773, A63B 37/00776 |
| N | A63B 37/00773 | 4 | {Moment of inertia} | |
| N | A63B 37/00776 | 4 | {Slab hardness} | |
| U | A63B 37/0078 | 4 | {Coefficient of restitution} | |
| D | A63B 2037/0079 | 4 | {Compression} | < administrative transfer to A63B 37/0087 INV> |
| D | A63B 37/0081 | 4 | {Deflection} | < administrative transfer to A63B 37/0087 > |
| M | A63B 37/0086 | 4 | {Flexural modulus; Bending stiffness} | |
| C | A63B 37/0092 | 4 | {Hardness distribution amongst different ball layers} | A63B 37/0092, A63B 37/00921, A63B 37/00922 |
| N | A63B 37/00921 | 5 | {whereby hardness of the cover is higher than hardness of the intermediate layers} | |
| N | A63B 37/00922 | 5 | {whereby hardness of the cover is lower than hardness of the intermediate layers} | |

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|--------------|----------------|---|--|--|
| U | A63B 37/0097 | 4 | {Layers interlocking by means of protrusions or inserts, lattices or the like} | |
| M | A63B 37/02 | 1 | Special cores {(balls with finger holes A63B 37/0001, golf ball cores A63B 37/005)} | |
| M | A63B 37/12 | 1 | Special coverings{, i.e. outer layer material (balls with finger holes A63B 37/0001, golf ball covers A63B 37/0023)} | |
| U | A63B 37/14 | 1 | Special surfaces {(A63B 37/0004 takes precedence)} | |
| C | A63B 41/00 | 0 | Hollow inflatable balls | A63B 41/00, A63B 41/125 |
| U | A63B 41/12 | 1 | Tools or devices for blowing up or closing balls {(for pricking-balls A63B 39/04)} | |
| N | A63B 41/125 | 1 | {Large inflatable balls primarily used as body supports for exercising, e.g. balancing} | |
| T | A63B 69/00 | 0 | Training appliances or apparatus for special sports (training of parachutists B64D 23/00) | |
| U | A63B 69/0002 | 1 | {for baseball} | |
| U | A63B 69/0013 | 2 | {Baseball bases} | |
| U | A63B 69/002 | 1 | {for football (American-football dummies A63B 69/345)} | |
| U | A63B 69/0026 | 2 | {for ice-hockey} | |
| U | A63B 2069/0044 | 2 | {Fake or disarmed practise weapons, i.e. for mimicking combat situations} | |
| U | A63B 69/0048 | 1 | {for mountaineering, e.g. climbing-walls, grip elements for climbing-walls} | |
| D | A63B 69/0051 | 1 | {not used, see subgroups and A63B 69/00} | < administrative transfer to A63B 69/00 > |
| C | A63B 69/0053 | 1 | {Apparatus generating random stimulus signals for reaction-time training involving a substantial physical effort} | A63B 69/0053, A63B 69/0055 |
| D | A63B 2069/0055 | 3 | {with means for distracting the user, e.g. visual or audio means} | < administrative transfer to A63B 69/0055 INV> |
| N | A63B 69/0055 | 2 | {with means for distracting the user, e.g. visual or audio means} | |
| C | A63B 69/0057 | 1 | {Means for physically limiting movements of body parts (A63B 23/0211 takes precedence)} | A63B 69/0057, A63B 69/0062 |
| M | A63B 69/0059 | 2 | {worn by the user} | |

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|--------------|----------------|---|---|--|
| D | A63B 2069/0062 | 3 | {Leg restraining devices} | < administrative transfer to A63B 69/0062 INV> |
| N | A63B 69/0062 | 2 | {Leg restraining devices} | |
| M | A63B 69/0064 | 1 | {Attachments on the trainee preventing falling} | |
| U | A63B 69/0079 | 2 | {Balls tethered to a line or cord (A63B 43/007 takes precedence; other games using tethered balls A63B 67/10; games using a bat or racket with a ball tethered thereto A63B 67/20)} | |
| U | A63B 69/0093 | 1 | {for surfing, i.e. without a sail; for skate or snow boarding} | |
| U | A63B 69/0097 | 1 | {Ball rebound walls (with holes or in combination with nets A63B 63/00)} | |
| M | A63B 69/02 | 1 | for fencing{, e.g. means for indicating hits} | |
| U | A63B 69/125 | 2 | {Devices for generating a current of water in swimming pools} | |
| M | A63B 69/14 | 2 | Teaching frames for swimming{; Swimming boards} | |
| M | A63B 69/16 | 1 | for cycling{, i.e. arrangements on or for real bicycles} | |
| U | A63B 69/34 | 1 | {Dummies, e.g.} boxing or {American-} football dummies | |
| C | A63B 69/36 | 1 | for golf | A63B 69/36, A63B 69/3605 |
| D | A63B 2069/3602 | 2 | {Player's game information devices} | < administrative transfer to A63B 69/36 INV> |
| D | A63B 2069/3605 | 3 | {Golf club selection aids informing player of his average or expected shot distance for each club} | < administrative transfer to A63B 69/3605 INV> |
| N | A63B 69/3605 | 2 | {Golf club selection aids informing player of his average or expected shot distance for each club} | |
| D | A63B 69/3611 | 2 | {not used, see A63B 69/36 and subgroups} | < administrative transfer to A63B 69/36 > |
| M | A63B 69/3614 | 2 | {using electro-magnetic, magnetic or ultrasonic radiation emitted, reflected or interrupted by the golf club} | |
| C | A63B 69/3617 | 2 | {Striking surfaces with impact indicating means, e.g. markers} | A63B 69/3617, A63B 69/362 |
| D | A63B 2069/362 | 4 | {electrical or electronic} | < administrative transfer to A63B 69/362 INV> |
| N | A63B 69/362 | 3 | {electrical or electronic} | |

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|--------------|----------------|---|---|---|
| N | A63B 69/3621 | 2 | {Contacting or non-contacting mechanical means for guiding the swing} | |
| N | A63B 69/36211 | 3 | {Mechanical guides guiding the club head end during the complete swing, e.g. rails} | |
| N | A63B 69/36212 | 4 | {with a flexible member fixed on the club and rotating around a fixed supporting point (clubs only for gymnastics or muscular training A63B 15/00)} | |
| N | A63B 69/36213 | 4 | {with arm or rod fixed on the club and rotating around a fixed supporting point} | |
| C | A63B 69/3623 | 2 | {for driving (A63B 69/3608, A63B 69/3658, A63B 69/3661, A63B 69/3667 and A63B 69/3691 take precedence)} | A63B 69/3623, A63B 69/3629, A63B 2214/00, A63B 2225/11 |
| D | A63B 2069/3626 | 3 | {Details} | < administrative transfer to A63B 69/3623 INV> |
| D | A63B 2069/3629 | 4 | {Visual means not attached to the body for positioning the trainee's head or for detecting head movement, e.g. by parallax} | < administrative transfer to A63B 69/3629 INV> |
| N | A63B 69/3629 | 3 | {Visual means not attached to the body for aligning, positioning the trainee's head or for detecting head movement, e.g. by parallax} | |
| U | A63B 69/3632 | 3 | {Clubs or attachments on clubs, e.g. for measuring, aligning (A63B 69/3614 takes precedence; clubs for swinging exercises in general A63B 15/00)} | |
| D | A63B 69/3641 | 3 | {with guides for guiding the swing} | < administrative transfer to A63B 69/3621 > |
| D | A63B 69/3644 | 4 | {Mechanical guide guiding the club head end during the complete swing, e.g. rails} | < administrative transfer to A63B 69/36211 > |
| D | A63B 69/3647 | 5 | {with a flexible member fixed on the club and rotating around a fixed supporting point} | < administrative transfer to A63B 69/36212 > |
| D | A63B 69/365 | 5 | {with arm or rod fixed on the club and rotating around a fixed supporting point} | < administrative transfer to A63B 69/36213 > |
| U | A63B 69/3652 | 3 | {Inclined platforms for practising drives from slopes} | |

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|--------------|----------------|---|--|---|
| U | A63B 69/3661 | 2 | {Mats for golf practice, e.g. mats having a simulated turf, a practice tee or a green area} | |
| C | A63B 69/3676 | 2 | {for putting (A63B 69/3608, A63B 69/3661, A63B 69/3667 and A63B 69/3697 take precedence)} | A63B 69/3676, A63B 69/3682 |
| D | A63B 2069/3679 | 3 | {Details} | < administrative transfer to A63B 69/3676 INV> |
| D | A63B 2069/3682 | 4 | {Visual means not attached to the body for positioning the trainee's head or for detecting head movement, e.g. by parallax} | < administrative transfer to A63B 69/3682 INV> |
| N | A63B 69/3682 | 3 | {Visual means not attached to the body for aligning, positioning the trainee's head or for detecting head movement, e.g. by parallax} | |
| U | A63B 69/3685 | 3 | {Putters or attachments on putters, e.g. for measuring, aligning (A63B 69/3614 takes precedence)} | |
| U | A63B 69/3691 | 2 | {Golf courses; Golf practising terrains having a plurality of driving areas, fairways, greens (special golf games, e.g. miniature golf, A63B 67/02; mats for simulating golf greens A63B 69/3661)} | |
| U | A63B 69/406 | 2 | {with rotating discs, wheels or pulleys gripping and propelling the balls or bodies by friction} | |
| U | A63B 69/407 | 2 | {with spring-loaded propelling means} | |
| M | A63B 71/00 | 0 | Games or sports accessories not covered in groups A63B 1/00 - A63B 69/00 (starting appliances A63K 3/02) | |
| U | A63B 71/0036 | 1 | {Accessories for stowing, putting away or transporting exercise apparatus or sports equipment (A63B 47/00, A63B 55/00, A63B 60/56 take precedence)} | |
| U | A63B 71/0045 | 2 | {specially adapted for games played with rackets or bats (A63B 60/56 takes precedence)} | |
| U | A63B 2071/0081 | 2 | {Stopping the operation of the apparatus} | |
| C | A63B 71/02 | 1 | for large-room or outdoor sporting games | A63B 71/02, A63B 71/03 |
| M | A63B 71/021 | 2 | {Stays or guy-ropes} | |

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|--------------|----------------|---|--|--|
| U | A63B 71/022 | 2 | {Backstops, cages, enclosures or the like, e.g. for spectator protection, for arresting balls} | |
| U | A63B 71/023 | 2 | {Supports, e.g. poles} | |
| M | A63B 71/028 | 3 | {Floor sockets for removable poles} | |
| N | A63B 71/03 | 2 | {Athletic drills or obstacles for sport training, other than foot obstacles for skipping} | |
| U | A63B 2071/0655 | 3 | {Tactile feedback} | |
| U | A63B 2071/0694 | 2 | {Visual indication, e.g. Indicia} | |
| M | A63B 71/08 | 1 | Body-protectors for players or sportsmen{, i.e. body-protecting accessories affording protection of body parts against blows or collisions} (protective clothing or garments for sporting purposes A41D 13/00) | |
| M | A63B 71/085 | 2 | {Mouth or teeth protectors (A63B 71/081 takes precedence)} | |
| M | A63B 71/12 | 2 | for the body or the legs{, e.g. for the shoulders (A63B 71/081 takes precedence)} | |
| M | A63B 71/1225 | 3 | {for the legs, e.g. thighs, knees, ankles, feet} | |
| U | A63B 2071/1258 | 4 | {for the shin, e.g. shin guards} | |
| M | A63B 71/1291 | 3 | {for the neck} | |
| M | A63B 71/141 | 3 | {in the form of gloves} | |
| D | A63B 2207/00 | 0 | Exercising or sporting devices provided with means enabling use in the dark | < administrative transfer to A63B 2225/76 ADD> |
| D | A63B 2207/02 | 1 | Powered illuminating means | < administrative transfer to A63B 2225/74 ADD> |
| C | A63B 2209/00 | 0 | Characteristics of used materials | A63B 2209/00, A63B 2209/18 |
| U | A63B 2209/14 | 1 | with form or shape memory materials | |
| N | A63B 2209/18 | 1 | biodegradable | |
| N | A63B 2214/00 | 0 | Training methods | |
| M | A63B 2225/00 | 0 | Miscellaneous features of sport apparatus, devices or equipment | |
| U | A63B 2225/107 | 3 | Resisting devices being of the same kind | |
| N | A63B 2225/11 | 1 | specially adapted to be transported on a trailer | |
| M | A63B 2225/68 | 1 | with article holders | |
| U | A63B 2225/72 | 1 | Means preventing unauthorised use, e.g. by lowering a tennis net | |
| N | A63B 2225/74 | 1 | with powered illuminating means, e.g. lights | |

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|--------------|---------------|---|--|------------------------|
| N | A63B 2225/76 | 1 | with means enabling use in the dark, other than powered illuminating means | |

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:

- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types.
- “Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

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B. New, Modified or Deleted Warning(s)

SUBCLASS A63B - APPARATUS FOR PHYSICAL TRAINING, GYMNASTICS, SWIMMING, CLIMBING, OR FENCING; BALL GAMES; TRAINING EQUIPMENT

| <u>Type*</u> | <u>Location</u> | <u>Old Warning</u> | <u>New/Modified Warning</u> |
|--------------|-----------------|--------------------|--|
| N | A63B 33/002 | | Group A63B 33/002 is impacted by reclassification into groups A63B 33/004, A63B 33/006, and A63B 33/008. All groups listed in this Warning should be considered in order to perform a complete search. |
| N | A63B 33/004 | | Group A63B 33/004 is incomplete pending reclassification of documents from group A63B 33/002. Groups A63B 33/002 and A63B 33/004 should be considered in order to perform a complete search. |
| N | A63B 33/006 | | Group A63B 33/006 is incomplete pending reclassification of documents from group A63B 33/002. Groups A63B 33/002 and A63B 33/006 should be considered in order to perform a complete search. |
| N | A63B 33/008 | | Group A63B 33/008 is incomplete pending reclassification of documents from group A63B 33/002. Groups A63B 33/002 and A63B 33/008 should be considered in order to perform a complete search. |
| N | A63B 37/0004 | | Group A63B 37/0004 is impacted by reclassification into group A63B 37/00215. Groups A63B 37/0004 and A63B 37/00215 should be considered in order to perform a complete search. |
| N | A63B 37/0006 | | Group A63B 37/0006 is impacted by reclassification into group A63B 37/00065. Groups A63B 37/0006 and A63B 37/00065 should be considered in order to perform a complete search. |
| N | A63B 37/00065 | | Group A63B 37/00065 is incomplete pending reclassification of documents from group A63B 37/0006. Groups A63B 37/0006 and A63B 37/00065 should be considered in order to perform a complete search. |

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| <u>Type*</u> | <u>Location</u> | <u>Old Warning</u> | <u>New/Modified Warning</u> |
|--------------|-----------------|--------------------|---|
| N | A63B 37/0021 | | Group A63B 37/0021 is impacted by reclassification into group A63B 37/00215. Groups A63B 37/0021 and A63B 37/00215 should be considered in order to perform a complete search. |
| N | A63B 37/00215 | | Group A63B 37/00215 is incomplete pending reclassification of documents from groups A63B 37/0004 and A63B 37/0021. Groups A63B 37/0004, A63B 37/0021, and A63B 37/00215 should be considered in order to perform a complete search. |
| N | A63B 37/0022 | | Group A63B 37/0022 is impacted by reclassification into groups A63B 37/00221, A63B 37/00222, and A63B 37/00223. All groups listed in this Warning should be considered in order to perform a complete search. |
| N | A63B 37/00221 | | Group A63B 37/00221 is incomplete pending reclassification of documents from group A63B 37/0022. Groups A63B 37/0022 and A63B 37/00221 should be considered in order to perform a complete search. |
| N | A63B 37/00222 | | Group A63B 37/00222 is incomplete pending reclassification of documents from group A63B 37/0022. Groups A63B 37/0022 and A63B 37/00222 should be considered in order to perform a complete search. |
| N | A63B 37/00223 | | Group A63B 37/00223 is incomplete pending reclassification of documents from group A63B 37/0022. Groups A63B 37/0022 and A63B 37/00223 should be considered in order to perform a complete search. |
| N | A63B 37/0023 | | Group A63B 37/0023 is impacted by reclassification into groups A63B 37/00373 and A63B 37/00376. Groups A63B 37/0023, A63B 37/00373, and A63B 37/00376 should be considered in order to perform a complete search. |
| N | A63B 37/00373 | | Group A63B 37/00373 is incomplete pending reclassification of documents from group A63B 37/0023. Groups A63B 37/0023 and A63B 37/00373 should be considered in order to perform a complete search. |

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| <u>Type*</u> | <u>Location</u> | <u>Old Warning</u> | <u>New/Modified Warning</u> |
|--------------|-----------------|--------------------|---|
| N | A63B 37/00376 | | Group A63B 37/00376 is incomplete pending reclassification of documents from group A63B 37/0023. Groups A63B 37/0023 and A63B 37/00376 should be considered in order to perform a complete search. |
| N | A63B 37/0038 | | Group A63B 37/0038 is impacted by reclassification into group A63B 37/00495. Groups A63B 37/0038 and A63B 37/00495 should be considered in order to perform a complete search. |
| N | A63B 37/00495 | | Group A63B 37/00495 is incomplete pending reclassification of documents from group A63B 37/0038. Groups A63B 37/0038 and A63B 37/00495 should be considered in order to perform a complete search. |
| N | A63B 37/005 | | Group A63B 37/005 is impacted by reclassification into group A63B 37/00691. Groups A63B 37/005 and A63B 37/00691 should be considered in order to perform a complete search. |
| N | A63B 37/0062 | | Group A63B 37/0062 is impacted by reclassification into groups A63B 37/00621 and A63B 37/00622. Groups A63B 37/0062, A63B 37/00621, and A63B 37/00622 should be considered in order to perform a complete search. |
| N | A63B 37/00621 | | Group A63B 37/00621 is incomplete pending reclassification of documents from group A63B 37/0062. Groups A63B 37/0062 and A63B 37/00621 should be considered in order to perform a complete search. |
| N | A63B 37/00622 | | Group A63B 37/00622 is incomplete pending reclassification of documents from group A63B 37/0062. Groups A63B 37/0062 and A63B 37/00622 should be considered in order to perform a complete search. |
| N | A63B 37/00691 | | Group A63B 37/00691 is incomplete pending reclassification of documents from group A63B 37/005. Groups A63B 37/005 and A63B 37/00691 should be considered in order to perform a complete search. |

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| <u>Type*</u> | <u>Location</u> | <u>Old Warning</u> | <u>New/Modified Warning</u> |
|--------------|-----------------|--------------------|---|
| N | A63B 37/0077 | | Group A63B 37/0077 is impacted by reclassification into groups A63B 37/00773 and A63B 37/00776. Groups A63B 37/0077, A63B 37/00773, and A63B 37/00776 should be considered in order to perform a complete search. |
| N | A63B 37/00773 | | Group A63B 37/00773 is incomplete pending reclassification of documents from group A63B 37/0077. Groups A63B 37/0077 and A63B 37/00773 should be considered in order to perform a complete search. |
| N | A63B 37/00776 | | Group A63B 37/00776 is incomplete pending reclassification of documents from group A63B 37/0077. Groups A63B 37/0077 and A63B 37/00776 should be considered in order to perform a complete search. |
| N | A63B 37/0092 | | Group A63B 37/0092 is impacted by reclassification into groups A63B 37/00921 and A63B 37/00922. Groups A63B 37/0092, A63B 37/00921, and A63B 37/00922 should be considered in order to perform a complete search. |
| N | A63B 37/00921 | | Group A63B 37/00921 is incomplete pending reclassification of documents from group A63B 37/0092. Groups A63B 37/0092 and A63B 37/00921 should be considered in order to perform a complete search. |
| N | A63B 37/00922 | | Group A63B 37/00922 is incomplete pending reclassification of documents from group A63B 37/0092. Groups A63B 37/0092 and A63B 37/00922 should be considered in order to perform a complete search. |
| N | A63B 41/00 | | Group A63B 41/00 is impacted by reclassification into group A63B 41/125. Groups A63B 41/00 and A63B 41/125 should be considered in order to perform a complete search. |
| N | A63B 41/125 | | Group A63B 41/125 is incomplete pending reclassification of documents from group A63B 41/00. Groups A63B 41/00 and A63B 41/125 should be considered in order to perform a complete search. |

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| <u>Type*</u> | <u>Location</u> | <u>Old Warning</u> | <u>New/Modified Warning</u> |
|--------------|-----------------|--------------------|--|
| N | A63B 69/0053 | | Group A63B 69/0053 is impacted by reclassification into group A63B 69/0055. Groups A63B 69/0053 and A63B 69/0055 should be considered in order to perform a complete search. |
| N | A63B 69/0055 | | Group A63B 69/0055 is incomplete pending reclassification of documents from group A63B 69/0053. Groups A63B 69/0053 and A63B 69/0055 should be considered in order to perform a complete search. |
| N | A63B 69/0057 | | Group A63B 69/0057 is impacted by reclassification into group A63B 69/0062. Groups A63B 69/0057 and A63B 69/0062 should be considered in order to perform a complete search. |
| N | A63B 69/0062 | | Group A63B 69/0062 is incomplete pending reclassification of documents from group A63B 69/0057. Groups A63B 69/0057 and A63B 69/0062 should be considered in order to perform a complete search. |
| N | A63B 69/36 | | Group A63B 69/36 is impacted by reclassification into group A63B 69/3605. Groups A63B 69/36 and A63B 69/3605 should be considered in order to perform a complete search. |
| N | A63B 69/3605 | | Group A63B 69/3605 is incomplete pending reclassification of documents from group A63B 69/36. Groups A63B 69/36 and A63B 69/3605 should be considered in order to perform a complete search. |
| N | A63B 69/3617 | | Group A63B 69/3617 is impacted by reclassification into group A63B 69/362. Groups A63B 69/3617 and A63B 69/362 should be considered in order to perform a complete search. |
| N | A63B 69/362 | | Group A63B 69/362 is incomplete pending reclassification of documents from group A63B 69/3617. Groups A63B 69/3617 and A63B 69/362 should be considered in order to perform a complete search. |

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| <u>Type*</u> | <u>Location</u> | <u>Old Warning</u> | <u>New/Modified Warning</u> |
|--------------|-----------------|--------------------|--|
| N | A63B 69/3623 | | Group A63B 69/3623 is impacted by reclassification into groups A63B 69/3629, A63B 2214/00, and A63B 2225/11. All groups listed in this Warning should be considered in order to perform a complete search. |
| N | A63B 69/3629 | | Group A63B 69/3629 is incomplete pending reclassification of documents from group A63B 69/3623. Groups A63B 69/3623 and A63B 69/3629 should be considered in order to perform a complete search. |
| N | A63B 69/3676 | | Group A63B 69/3676 is impacted by reclassification into group A63B 69/3682. Groups A63B 69/3676 and A63B 69/3682 should be considered in order to perform a complete search. |
| N | A63B 69/3682 | | Group A63B 69/3682 is incomplete pending reclassification of documents from group A63B 69/3676. Groups A63B 69/3676 and A63B 69/3682 should be considered in order to perform a complete search. |
| N | A63B 71/02 | | Group A63B 71/02 is impacted by reclassification into group A63B 71/03. Groups A63B 71/02 and A63B 71/03 should be considered in order to perform a complete search. |
| N | A63B 71/03 | | Group A63B 71/03 is incomplete pending reclassification of documents from group A63B 71/02. Groups A63B 71/02 and A63B 71/03 should be considered in order to perform a complete search. |
| N | A63B 2209/00 | | Group A63B 2209/00 is impacted by reclassification into group A63B 2209/18. Groups A63B 2209/00 and A63B 2209/18 should be considered in order to perform a complete search. |
| N | A63B 2209/18 | | Group A63B 2209/18 is incomplete pending reclassification of documents from group A63B 2209/00. Groups A63B 2209/00 and A63B 2209/18 should be considered in order to perform a complete search. |

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| <u>Type*</u> | <u>Location</u> | <u>Old Warning</u> | <u>New/Modified Warning</u> |
|--------------|-----------------|--------------------|--|
| N | A63B 2214/00 | | Group A63B 2214/00 is incomplete pending reclassification of documents from group A63B 69/3623. Groups A63B 69/3623 and A63B 2214/00 should be considered in order to perform a complete search. |
| N | A63B 2225/11 | | Group A63B 2225/11 is incomplete pending reclassification of documents from group A63B 69/3623. Groups A63B 69/3623 and A63B 2225/11 should be considered in order to perform a complete search. |

*N = new warning, M = modified warning, D = deleted warning

- NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.

2. A. DEFINITIONS (new)

Insert the following new definitions.

A63B37/0077

Special rules of classification

Every subgroup of **A63B 37/0077** defining a property for which there is no specific subgroup defining the distribution of such property amongst the several layers of a golf ball is also used for classifying such distribution.

The physical properties of subassemblies encompassing simultaneously different layers of a golf ball are to be classified as properties of the golf ball as a whole; e.g. the “compression of a golf ball subassembly consisting of the centre and the intermediate layer has a compression of 50 or less” is classified as A63B37/0087.

A63B 37/0097

Definition statement

This place covers:

The following images that show balls with layers that are interlocked by protrusions, inserts or lattices.

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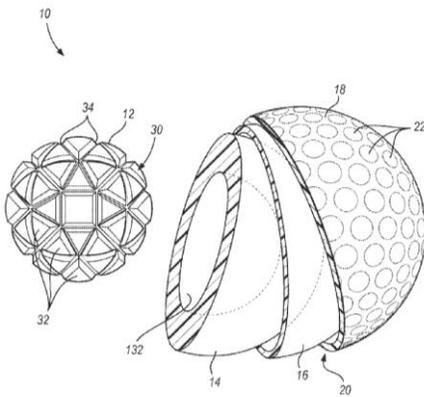


FIG. 1

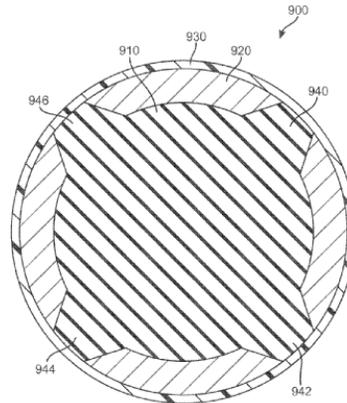


FIG. 9

Fig. 1

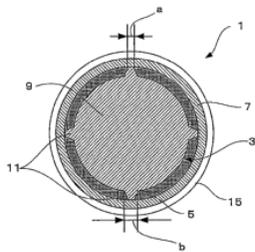
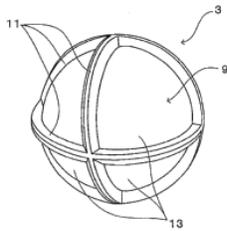


Fig. 2



A63B41/08

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|--|---------------------------|
| Finite element generation, e.g. wire-frame surface description or tessellation | G06T17/20 |
| Computer-aided design | G06F30/00 |

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A63B69/0002

Definition statement

This place covers:

Baseball, e.g. softball or rounders.

Special rules of classification

Depending on whether it is used for baseball, softball or rounders, this subgroup always needs to be complemented by, respectively, the following codes.

| | |
|--------------------------------|-----------------------------|
| Baseball, softball or rounders | A63B2102/18 |
|--------------------------------|-----------------------------|

A63B69/0013

Definition statement

This place covers:

Baseball mounds also.

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|--|---------------------------|
| Apparatus for setting-out or dividing courts, in general | A63C19/06 |
|--|---------------------------|

A63B69/0026

Special rules of classification

Ice hockey pucks are classified in both [A63B67/14](#) and [A63B69/0026](#).

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A63B2069/0044**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|--|----------------------------|
| Toy swords or similar toy weapons; Toy shields | A63H33/009 |
|--|----------------------------|

A63B69/0048**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|-----------------------------------|--------------------------|
| Climbing poles, frames, or stages | A63B9/00 |
|-----------------------------------|--------------------------|

A63B69/0093**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|--|----------------------------|
| Equipment or arrangements for generating waves, particularly adapted for surfing, waterskiing, or the like | B63B34/70 |
| Devices for producing waves in swimming pools | E04H4/0006 |

A63B69/12**Definition statement***This place covers:*

Any kind of mechanical training equipment for swimming which is used when the user is actually swimming surrounded by water or any other liquid.

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References**Informative references**

Attention is drawn to the following places, which may be of interest for search:

| | |
|---|----------------------------|
| Body floating supports for relaxation | A61H37/005 |
| Life-buoys, life-belts | B63C9/08 |
| Swimming aids | A63B31/00 |
| Vessels or like floating structures for pleasure or sport | B63B34/00 |
| Rafts, i.e. free floating waterborne vessels, of shallow draft, with little or no freeboard, and having a platform or floor for supporting a user | B63B35/58 |
| Toy boats; Floating toys; Other aquatic toy devices | A63H23/00 |
| Floating seats | A47C15/006 |
| Fluid mattresses, e.g. pneumatic mattresses, Liquid mattresses or mattresses with fluid-like particles | A47C27/08 |

A63B69/34**References****Informative references**

Attention is drawn to the following places, which may be of interest for search:

| | |
|--------|----------------------|
| Robots | B25J |
|--------|----------------------|

Special rules of classification

This subgroup should always be complemented with the appropriate code in [A63B2102/00](#), [A63B2243/00](#) or [A63B2244/00](#) relating to the specific sport or sports for which the dummy is used.

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A63B69/3605

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|--|---------------------------|
| Devices for measuring, verifying, correcting or customizing characteristics of golf-clubs, bats, rackets or the like | A63B60/42 |
|--|---------------------------|

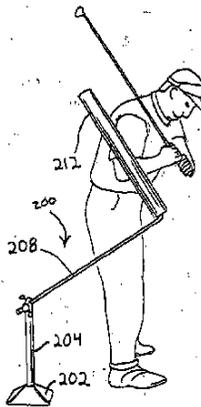
A63B69/3621

Definition statement

This place covers:

Contacting and non-contacting mechanical (i.e. not only visual) means for guiding the swing. "Non-contacting mechanical means" means that there would be contact only if the movement is executed wrongly. Thus, it is valid for any type of device that the club contacts during the swing OR would contact if used wrongly (within the normal limits of a swing).

The following figure that shows an example of non-contacting means.



References

Informative references

Attention is drawn to the following places, which may be of interest for search:

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| | |
|---|-------------------------------|
| Visual indication (if the means for guiding the swing are only of a visual nature, e.g. line on a mat that the user should try to follow) | A63B2071/0694 |
| Visual means not attached to the body for positioning the trainee`s head or for detecting head movement, e.g. by parallax (for driving) | A63B69/3629 |
| Visual means not attached to the body for positioning the trainee`s head or for detecting head movement, e.g. by parallax (for putting) | A63B69/3682 |
| Attachments on the body, e.g. for measuring, aligning, restraining | A63B69/3608 |

A63B69/36211

Definition statement

This place covers:

Mechanical guides which guide the club head end during the complete (or almost complete) swing; this also can be achieved by guiding any part of the golf club, i.e. not necessarily the club head end.

A63B69/36212

References

Limiting references

This place does not cover:

| | |
|---|---------------------------|
| Clubs for gymnastics or the like, e.g. for swinging exercises | A63B15/00 |
|---|---------------------------|

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|---|-----------------------------|
| Resilient force resistors of the extension element type | A63B21/055 |
| Elastic ropes or bands | A63B21/0552 |
| User-manipulated weights | A63B21/06 |

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A63B69/36213**Definition statement***This place covers:*

Linked arms/rods/bars.

References**Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|--|------------------------------|
| Mechanical guide guiding the club head end during the complete swing with a flexible member fixed on the club and rotating around a fixed supporting point | A63B69/36212 |
|--|------------------------------|

A63B69/3629**Definition statement***This place covers:*

Means that help to put the head of the user in a position in space for driving.

References**Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|--|-------------------------------|
| Golf club heads with visual indicators for aligning the golf club | A63B53/0441 |
| Contacting or non-contacting means for guiding the swing | A63B69/3621 |
| Drivers or attachments on drivers, e.g. for measuring, aligning | A63B69/3632 |
| Putters or attachments on putters, e.g. for measuring, aligning | A63B69/3685 |
| Visual indication for aligning the eyes or body with the target line | A63B2071/0694 |

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A63B69/3652**References****Informative references**

Attention is drawn to the following places, which may be of interest for search:

| | |
|---|-----------------------------|
| Golf courses and golf practising terrains having a plurality of driving areas, fairways, greens. | A63B69/3691 |
| Mats for golf practice, e.g. mats having a simulated turf, a practice tee or a green area | A63B69/3661 |
| Special golf games, e.g. miniature golf, e.g. golf putting games played on putting tracks; putting practice apparatus having an elongated platform as a putting track | A63B67/02 |

A63B69/3682**Definition statement**

This place covers:

Means that help to put the head of the user in a position in space for putting.

References**Informative references**

Attention is drawn to the following places, which may be of interest for search:

| | |
|--|-------------------------------|
| Golf club heads with visual indicators for aligning the golf club | A63B53/0441 |
| Drivers or attachments on drivers, e.g. for measuring, aligning | A63B69/3632 |
| Putters or attachments on putters e.g. for measuring, aligning | A63B69/3685 |
| Visual indication for aligning the eyes or body with the target line | A63B2071/0694 |

A63B69/406**References****Informative references**

Attention is drawn to the following places, which may be of interest for search:

| | |
|-----------------------------------|--------------------------|
| Friction-wheel operated launchers | F41B4/00 |
|-----------------------------------|--------------------------|

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A63B2071/0081**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|--|-----------------------------|
| Means preventing unauthorised use, e.g. by lowering a tennis net | A63B2225/72 |
|--|-----------------------------|

A63B2071/0655**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|--|------------------------------|
| Attachments of exercising apparatus to the upper limbs of the user | A63B21/4017 |
| Attachments of exercising apparatus to the hand of the user | A63B21/4019 |
| Attachments of exercising apparatus to the wrist of the user | A63B21/4021 |
| Means for physically limiting movements of body parts | A63B69/0057 |
| Means for physically limiting movements of body parts worn by the user | A63B69/0059 |
| Appliances for aiding patients or disabled persons to walk about with tactile perception | A61H2003/063 |

A63B2071/1258**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|----------------------------|----------------------------|
| Reinforcements for hosiery | A41B11/02 |
| Hosiery with pockets | A41B11/006 |

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2. A. DEFINITIONS (modified)

Modify the following definitions.

A63B33/002

Limiting references

Delete: The entire “Limiting references” section.

Informative references

Insert: The following new “Informative references” section.

Attention is drawn to the following places, which may be of interest for search:

| | |
|--|------------------------------|
| Attachment of buckle to strap | A44B11/006 |
| Buckles with strap length adjustment | A44B11/2557 |
| Straps; Buckles; Attachment of headbands for goggles | A61F9/027 |
| Protective goggles | A61F9/02 |
| Diving masks | B63C11/12 |
| Straps, or the like for fastening diving masks; Accessories therefor, e.g. buckles | B63C2011/128 |

Special rules of classification

Delete: The entire “Special rules of classification” references section.

A63B37/00

Limiting references

Replace: Only the text in the first column of the existing “Limiting references” row.

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| | |
|---|---------------------------|
| Heavy balls for throwing, i.e. medicine balls, shots, weights or stones for putting | A63B65/06 |
|---|---------------------------|

Informative references

Insert: The following new "Informative references" section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|---------------------------------|------------------------------|
| Billiards | A63B2243/002 |
| Shaping of plastics, golf balls | B29L2031/546 |

Special rules of classification

Insert: The following new "Special rules of classification" section.

Special rules of classification

Billiard, pool and snooker balls are classified in [A63B37/00](#) and [A63B2243/002](#).

[A63B37/0003](#)

Relationships with other classification places

Insert: The following new "Relationships with other classification places" section.

The subgroups are arranged in a tree structure, of which the following are the main branches:

- general subgroup for golf balls (note: to be allocated as "Additional Information" when the golf ball is not the invention but nevertheless is mentioned in the application);
- dimples and protrusions;
- non-structural external layer: coatings and markings, exclusively;
- three structural layers: cover (exclusively), intermediate layer (all the intermediate layers: Inner Cover, Mantel, Outer Core) and core (exclusively), respectively;
- ball as a whole.

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The following "branches" apply independently to each of the different structural layers (cover, intermediate layer, core) and are repeated for each of the structural layers:

- Materials and Chemistry
- Coefficient of restitution
- Hardness
- Hardness Gradient
- Thickness / Diameter
- Deflection or Compression
- Density / Gravity
- Melt flow rate
- Mass, Weight (only common to the core and to the ball as a whole)
- Initial Velocity (only common to the core and to the ball as a whole)
- Flexural Modulus

(Note that some properties are not repeated for each structural layer and have therefore not been mentioned here).

It will be often necessary to classify the chemistry aspects outside of the scope of [A63B](#). Thus, multiple classification is commonly used between classes and sections. Some guidance can be derived from the following examples:

- [C08L23/0876](#): Neutralised polymers, i.e. ionomers
- [C08L75/00](#): Compositions of polyureas or polyurtehane
- [C08L77/00](#): Compositions of polyamides obtained by reactions forming a carboxylic amide link in the main chain
- [C08K5/00](#): Use of organic ingredients
- [C08K5/098](#): Metal salts of carboxylic acids
- [C08G18/00](#): Polymeric products of isocyanates or isothiocyanates
- [C09D1/00](#): Coating compositions
- [B29C35/00](#): Heating, cooling or curing, e.g. crosslinking, vulcanising
- [B29C45/14819](#): Injection moulding by completely encapsulating inserts (typical for golf balls)
- [B29C59/00](#): Surface shaping, e.g. embossing

"Practice/training golf balls" are also allocated to subgroups [A63B69/3655](#) and/or [A63B69/3688](#).

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Informative references

Replace: In the second row in the Informative references table, the existing symbol "A63B69/3655" with the following new symbol.

[A63B69/3688](#)

Insert: The following two new rows in the existing Informative references table.

| | |
|----------------------|---------------------|
| Methods for moulding | B29 |
| Chemical aspects | C08 |

Special rules of classification

Replace: The existing text in the "Special rules of classification" section with the following new text.

The best approach for classifying golf ball documents:

Look through the abstract;

Look at the drawings;

Look through the claims;

Look through the description:

- Pay attention to the first paragraph, "Summary of the invention";
- In the "Detailed description of this invention" pay attention wherever it is written "...of this invention" (and similar);
- Depending on the main invention, some information from the description can be considered significant or not, that is to say, to be classified as "Invention Information" or "Additional Information". For classifying "Additional Information" pay attention to the different embodiments, examples and tables;
- Sometimes the examples compare the invention with another golf ball, which is usually not to be classified.
- Common general knowledge present in the Description should not be classified.

The physical properties of subassemblies encompassing simultaneously different layers of a golf ball are to be classified as properties of the golf ball as a whole; e.g. the "compression of a golf ball subassembly consisting of the center and the intermediate layer has a compression of 50 or less" is classified as [A63B37/0087](#).

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“Volume” and/or “surface” of the core or a layer of a golf ball must be classified with the equivalent physical property of diameter or thickness of the corresponding layer.

Glossary of terms

Replace: The text in the “Glossary of terms” section with the following new text.

The issue of the different layers of the ball:

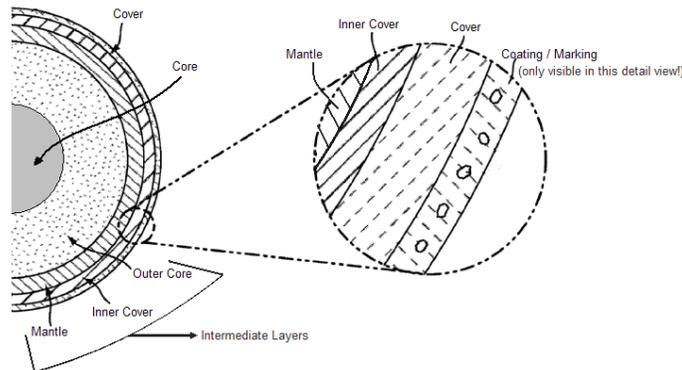
- Non-structural: Coating/Marking.
- Structural: Cover, Intermediate layer, Core.

Golf balls usually have only ONE cover and only ONE core. The rest of the structural layers are simply intermediate layers.

- Irrespective of the wording and leaving aside the Coating/Markings (if any):
 - Cover - the outermost mechanical layer
 - Core - the innermost part of the ball
 - Intermediate layer - every layer therebetween
 - Therefore:
 - "Inner cover" - intermediate layer (not Cover)
 - "Outer core" - intermediate layer (not Core)
 - "Core thickness": it must necessarily refer to the "outer core" (and, therefore, an Intermediate layer), as a "core" is defined by its diameter or its radius, but not by its thickness: this feature is, therefore, to be classified in A63B37/0045
 - "Mantel": it can refer to the cover OR the coat OR the intermediate layer: Therefore, it has to be interpreted correctly in order to know where to classify the information relating to such a "mantel"
 - This is graphically exemplified as follows:

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Other terms:

- "Thread wound core": only used for thread wound cores with nothing inside. It is, therefore, not to be used when a thread layer is wound around a core that is not thread.
- In long patent descriptions, it is often mentioned that the invention may be made from one up to three or more layers.

However, unless every single layer explicitly appears in claims, it is not to be classified in [A63B37/0073](#) - [A63B37/0076](#) every time.

For example:

- If the invention is mainly manufactured with 1 layer (core) but it can also be used in golf balls with more layers (but this information does not appear in the claims), we classify as follows:

Invention information: [A63B37/0073](#);

Additional information: [A63B37/0074](#), [A63B37/0075](#), [A63B37/0076](#).

If the invention describes in the claims every possible case (one, two, three-layer golf balls, etc.), classification is as follows:

Invention information: [A63B37/0073](#), [A63B37/0074](#), [A63B37/0075](#), etc.

- "Multi-piece balls": Can be used both for three-piece balls and balls having two or more intermediate layers.
- Solid core \neq Rigid core ([A63B37/0054](#)) unless they specify that it is made of metal.
- "Translucent cover": [A63B37/0024](#).

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- [A63B37/0039](#): to be allocated when the chemistry of the intermediate layer is neither an Ionomer, nor Polyurethane, nor Polybutadien, or, at least, a very unusual one amongst the previous one (so, mixed-up with other stuff, etc.)
- Initial Velocity concerning the Cover: allocate [A63B37/0084](#).
- "Weight; Mass": Used for, e.g. specific weight, but not for chemical weight ratios.
- [A63B37/0067](#) and [A63B37/0083](#): Weight, just specific weight, not for ratio weight.
- MFR = Melt Flow Rate = MFI= Melt Flow Index: [A63B37/0036](#) or [A63B37/0048](#) (or both, if the layer is not specified).
- COR = Coefficient of Restitution -> [A63B37/003](#), [A63B37/0041](#), [A63B37/0061](#) or [A63B37/0078](#).
- Flexural Modulus [Mpa=factor x psi] is different from Young modulus=Tensile modulus=Elastic modulus, Ionomer modulus, Stiffness modulus, Flexural rigidity.
- "Hardness Gradient" is most likely to be found with cores.
Example: The core has a JIS-C hardness at its surface of at least 70 and a JIS-C hardness at its center that is at least 10 units lower than the hardness at the core surface.
- "Hardness distribution amongst the different ball layers" ([A63B37/0092](#)) is to be allocated when the hardness gradient does not apply only to a specific single layer amongst several, but to the whole ball.
- Rather common parameters such as "diameter of dimple", "spin rate", "rebound resilience", "coefficient of drag", etc. are not to be classified unless they are described in the claims, the abstract or the description accurately and in a quantitative manner, or unless they are mentioned throughout the document continuously (even if not quantitatively)... except with the "scuff resistance", which is usually valued with qualitative (not quantitative) terms (i.e. "good", "bad", "better", etc.) and is to be classified even without specific values being given therefor.
- [A63B45/00](#): Manufacture of golf balls. It is written in claims or abstract; or it is fully described in description.

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- "Material manufacturing process" for cover, internal layer or core: [A63B45/00](#) and the corresponding [A63B37/0023](#), [A63B37/0038](#), [A63B37/005](#) (or [A63B37/0024](#), [A63B37/0039](#), [A63B37/0051](#)).
- "Moulding/molding compression": we do not have any specific subgroup for this: it is, however, a different concept from "deflection or compression" ([A63B37/0034](#), [A63B37/0046](#), [A63B37/0065](#), [A63B37/0087](#)). These features are, therefore, to be understood as "Method for Manufacturing", for which the correct subgroup is [A63B45/00](#).
- [A63B45/02](#): Methods or apparatus for marking golf balls. It usually goes with [A63B37/0022](#) (either as "Invention" or "Additional" information) if they describe the mark or it appears in the drawings.
- A circular dimple is something standard -> Do not classify this feature in any of [A63B37/0007](#) - [A63B37/0011](#).
- Interpret [A63B37/002](#) (i.e. "Specified dimple diameter") as "Specified dimple diameter, or length of their main axis" instead. Sometimes, dimples may have various shapes like polygonal or elliptical: in such cases perimeters, lengths, widths, major and minor axis lengths are given.
- Patents with specific drawings of one or several dimples (cross section) -> [A63B37/0012](#).
- If some parameters (depth, diameter) appear in drawings, accurate figures are likely to be found in the text (see [A63B37/0019](#), [A63B37/002](#)):
- Drawings with various dimples with and without sub-dimples -> Classify simultaneously as [A63B37/0012](#) and [A63B37/0015](#);
- When the shape of the dimple is not clear, not important in that document, etc. -> Classify as "Additional Information" [A63B37/0012](#).

"Volume Ratio": Classified for the time being in [A63B37/0016](#) and [A63B37/0017](#).

Dimple coverage (%) = Occupation ratio -> [A63B37/0021](#).

Compression ([A63B37/0034](#), [A63B37/0046](#), [A63B37/0065](#), [A63B37/0087](#)): it can be "PGA compression", "Atti compression", "Riehle compression" or "Load/Deflection tests."

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PGA Compression = Atti Compression: A piston whose travel path is fixed compresses the ball against a spring and the spring deflection is then measured.

Riehle Compression: It measures the deformation of ball under a fixed load of 90.9 kg.

Load/Deflection tests: Same as "Riehle Compression" but with a plurality of possible loads.

Synonyms and Keywords

Replace: The existing preamble in the "Synonyms and Keywords" section with the following updated preamble.

In patent documents, the following words/expressions are often used with the meaning indicated:

A63B37/0006

Definition statement

Insert: The following statement in the "Definition statement" section.

Features on the outer surface as shown in the following drawing:

Insert: The following new "Informative references" section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|---|---------------------------|
| Finite element generation, e.g. wire-frame surface description, {tesselation} | G06T17/20 |
| Computer-aided design | G06F30/00 |

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A63B37/0022

Insert: The following new Informative references section.

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|---------------------|----------------------------|
| Methods for marking | A63B 45/02 |
|---------------------|----------------------------|

A63B37/0024

Definition statement

Replace: In the "Definition statement" section, the text in the first paragraph with the following.

"Special materials", meaning any materials other than those which are normally used for covers or cores. (Poly)urethanes and ionomers are all normally used in covers, thus not "special", unless it is referred to a very specific unusual type of ionomer or polyurethane.

A63B37/0039

Definition statement

Replace: In the "Definition statement" section, the existing paragraph with the following.

"Special materials" means any materials other than those which are normally used for covers or cores. (Poly)butadiene, (Poly)urethanes, ionomers are all normally used, thus not "special", unless the material is a very specific and unusual type of (poly)butadiene, (poly)urethane or ionomer.

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Informative references

Replace: In the existing “Informative references” table, only the text (not the symbol) in the row below.

| | |
|--|---------------------------|
| Apparatus or methods for marking balls | A63B45/02 |
|--|---------------------------|

A63B37/02**Limiting references**

Replace: In the existing “Limiting references” table, the second row (Golf balls... A63B 37/0003) with the row shown below.

| | |
|---------------------|----------------------------|
| Cores of golf balls | A63B37/005 |
|---------------------|----------------------------|

A63B37/12**Limiting references**

Replace: In the “Limiting references” table, the existing second row (Golf balls...A63B 37/0003) with the following row.

| | |
|------------------|-----------------------------|
| Golf ball covers | A63B37/0023 |
|------------------|-----------------------------|

Insert: The following new Informative references section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|------------|-----------------------------|
| Golf balls | A63B37/0003 |
|------------|-----------------------------|

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A63B37/14

Informative references

Insert: The following new row in the existing Informative references table.

| | |
|------------------|-----------------------------|
| Golf ball covers | A63B37/0023 |
|------------------|-----------------------------|

A63B69/00

Insert: The following new “Definition Statement” section.

Definition statement

This place covers:

Mechanical aspects of training appliances or apparatus.

Insert: The following new “Relationships with other classification places” section.

Relationships with other classification places

A63B69/00 and its subgroups deal with the mechanical features of training appliances or apparatus used when training for sports. Some groups and subgroups in subclass A63B are used for additional information and may cause confusion:

- A63B24/00, which relates to electric or electronic controls for apparatuses classified in other groups and subgroups of A63B (not A63B71/06).
- A63B71/06, which relates to different kinds of indicating devices for sports for apparatuses classified in other groups and subgroups of A63B.
- A63B2220/00, for measuring of physical parameters relating to sporting activity.
- When the invention disclosed in a document does not lie in a mechanical sports device or the electronic controlling thereof with a mechanical effect on the device, it should not be classified in A63B (at least not as “invention information”).

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Limiting references

Delete: Only the following four existing rows from the “Limiting references” table.

| | |
|--|------------|
| Exercising apparatus for developing or strengthening the muscles or joints of the body by working against a counterforce | A63B 21/00 |
| Exercising apparatus specially adapted for particular parts of the body | A63B23/00 |
| Simulators for teaching or training purposes | G09B9/00 |
| Teaching in general | G09B 19/00 |

Insert: The following new “Informative references” section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|--|-----------------------------|
| Exercising apparatus for developing or strengthening the muscles or joints of the body by working against a counterforce | A63B21/00 |
| Exercising apparatus specially adapted for particular parts of the body | A63B23/00 |
| Performance analysis | G06Q10/0639 |
| Measuring movement of entire body or parts thereof | A61B5/11 |
| Measuring muscular strength for diagnostic purposes | A61B5/22 |
| Video games | A63F13/00 |
| Measure arrangements characterised by the use of optical means | G01B11/00 |
| Systems for determining distance or velocity using ultrasonic, sonic, or infrasonic waves | G01S11/14 |
| Systems using reflection of acoustic waves | G01S15/00 |
| Systems using reflection of electromagnetic waves, velocity or trajectory | G01S17/58 |
| GPS – receivers – sporting applications | G01S19/19 |
| Controlling member being movable by hand, e.g. joystick | G05G9/047 |

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| | |
|--|------------------------------|
| Recognition of whole body movements, e.g. for sport training | G06K9/00342 |
| Input interaction (Gesture, VR, GUI) | G06F3/01 |
| Data acquisition and logging | G06F17/40 |
| Computer assisted prescription or delivery by physical action, e.g. virtual trainers | G06F19/3481 |
| Analysis of motion | G06T7/20 |
| Measuring of sport goods in general | G01B5/0023 |
| Race time recorders | G07C1/24 |
| Simulators for teaching or training | G09B9/00 |
| Devices for exercising or strengthening of fingers or arms in teaching music | G09B15/06 |
| Teaching repetitive work cycles; Sequence of movements; sport | G09B19/0038 |
| Rhythm (Matching music to exercise) | G10H1/40 |
| Synchronising audio tracks of files | G10H2240/325 |
| Exercising for producing mechanical power | F03G5/00 |
| Archers' finger tabs | F41B5/1473 |
| Apparatus for passive exercising or massage | A61H |

Special rules of classification

Replace: In the “Special rules of classification” section, the existing second statement with the following statement.

The interface features (indicating or scoring devices) should be classified in [A63B71/06](#)

[A63B69/002](#)

Insert: The following new “Definition statement” section.

Definition statement

This place covers:

Training appliances or apparatus for:

- Association football (more commonly known as football or soccer);
- or
- American football.

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Insert: The following new “Special rules of classification” section.

Special rules of classification

Depending on whether it is used for Association or American football, this subgroup always needs to be complemented by, respectively with the following codes:

| | |
|-------------------------------|--------------------------------|
| Association football (soccer) | A63B 2243/0025 |
| American football | A63B 2243/007 |

A63B69/0053

Limiting references

Delete: The entire Limiting references section.

Informative references

Insert: The following new row in the Informative references table.

| | |
|------------------------------|---------------------------|
| Devices for projecting balls | A63B69/40 |
|------------------------------|---------------------------|

A63B69/0057

Insert: The following new “Definition statement” section.

Definition statement

This place covers:

Restraining devices that are not worn on the body but are (externally) attached on the body from the outside. When the user moves away from the training spot, he/she will keep on him/her what is worn ([A63B69/0059](#)) but what was attached on him/her ([A63B69/0057](#)) will stay behind on the training spot.

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Limiting references

Replace: The existing row in the “Limiting references” table with the following new row.

| | |
|---|-----------------------------|
| Moving torso with immobilized lower limbs | A63B23/0211 |
|---|-----------------------------|

Informative references

Replace: The existing row in the “Informative references” table with the following new rows shown below.

| | |
|---|-------------------------------|
| Means for physically limiting movements of body parts worn by the user | A63B69/0059 |
| Movement of a golf club is limited with the purpose of guiding the swing | A63B69/3621 |
| Attachments on the body for golf, e.g. for measuring, aligning, restraining | A63B69/3608 |
| Attachment of exercising apparatus to the body of the user | A63B21/4001 |
| Supports for anchoring force-resisters | A63B21/16 |
| Supports for anchoring force-resisters mounted on or against a wall | A63B21/169 |
| Tactile feedback | A63B2071/0655 |

A63B69/0059**Definition statement**

Replace: In the “Definition statement” section, the existing statement with the following statement.

Also, limiting movement between grip and body parts (apart from the hand).

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Insert: The following new “Relationships with other classification places” section.

Relationships with other classification places

When [A63B69/0059](#) is appropriate and the invention concerns a golf device, [A63B69/36](#) or any other appropriate subgroup referring to golf has to be allocated too.

Delete: The entire “Limiting references” section.

Insert: The following new “Informative references” section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|---|-------------------------------|
| Attachments of exercise devices to the body without movement restriction | A63B21/4001 |
| Attachments between the hand/hands and the golf club, either by directly attaching one or more hands to the club, or by attaching the hands to one another around the golf club (e.g. via a band or a sticking surface fixing the grip to the hand/glove of the user, or even indirectly blocking the relative movement between the hands and the grip) | A63B69/3608 |
| Tactile feedback | A63B2071/0655 |

A63B69/0079

Insert: The following new “Limiting references” section.

Limiting references

This place does not cover:

| | |
|---|----------------------------|
| Arrangements on balls for connecting lines or cords | A63B43/007 |
| Other games using tethered balls | A63B67/10 |

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| | |
|--|---------------------------|
| Games using a bat or racket with a ball tethered thereto | A63B67/20 |
|--|---------------------------|

Replace: The three existing rows in the “Informative references” table with the following two new rows.

| | |
|--|-------------------------------|
| Tethered playing balls or other tethered playing bodies | A63F2007/4087 |
| Tethered playing balls or other tethered playing bodies supported on a tethering arm | A63F2007/4093 |

A63B69/0097

Insert: The following new “Limiting references” section.

Limiting references

This place does not cover:

| | |
|--|---------------------------|
| Targets or goals for ball games (walls with holes or in combination with nets) | A63B63/00 |
|--|---------------------------|

Informative references

Delete: The following row from the “Informative references” table.

| | |
|--|----------------------------|
| Walls with holes or in combination with nets | A63B 63/00 |
|--|----------------------------|

Insert: The following four new rows in the existing “Informative references” table.

| | |
|---|----------------------------|
| Indicating or scoring devices for games or players, or for other sports activities | A63B71/06 |
| Controlling or monitoring of exercises, sportive games, training or athletic performances | A63B24/00 |
| Targets for projectiles other than balls | A63F9/0204 |
| Target indicating systems; Target-hit or score detecting systems | F41J5/00 |

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A63B69/06

Definition statement

Replace: The text in the “Definition statement” section with the following two statements.

Training for real rowing or sculling movement, not necessarily on a real boat.

Canoeing and kayaking also.

Limiting references

Delete: The entire “Limiting references” section.

Insert: The following new “Informative references” section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|-----------------------------|-----------------------------|
| Rowing machines for fitness | A63B22/0076 |
|-----------------------------|-----------------------------|

A63B69/125

Limiting references

Delete: The entire “Limiting references” section.

Insert: The following new “Informative references” section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|-------------------------------------|----------------------------|
| Producing waves in swimming pools | E04H4/0006 |
| Wave-producers or the like in baths | A47K3/10 |

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| | |
|--|-----------------------------|
| Equipment or arrangements for generating waves, particularly adapted for surfing, waterskiing, or the like | B63B34/70 |
| Therapeutic baths with agitated or circulated water | A61H33/0087 |

A63B69/14

Limiting references

Delete: The entire “Limiting references” section.

Insert: The following new “Informative references” section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|---|----------------------------|
| Swimming aids | A63B31/00 |
| Other vessels or like floating structures for pleasure or sport | B63B34/00 |
| Rafts, i.e. free floating waterborne vessels, of shallow draft, with little or no freeboard, and having a platform or floor for supporting a user | B63B35/58 |
| Body-boards, i.e. surfboards specially adapted for use by users in prone position; Planing members attachable to, or held by body-surfers | B63B32/20 |
| Toy boats; Floating toys; Other aquatic toy devices | A63H23/00 |
| Body floating supports for relaxation | A61H37/005 |
| Floating seats | A47C15/006 |
| Fluid mattresses, e.g. pneumatic mattresses, Liquid mattresses or mattresses with fluid-like particles | A47C27/08 |
| Life-buoys, life-belts | B63C9/08 |

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A63B69/16

Limiting references

Delete: The entire “Limiting references” section.

Informative references

Insert: The following three new rows in the existing “Informative references” table.

| | |
|--|------------------------------|
| Frictional force-resisters with surfaces rolling against each other without substantial slip | A63B21/0125 |
| Mechanical means for variation of the resistance | A63B21/00058 |
| Stationary bicycles, ergometers | A63B22/0605 |

Special rules of classification

Replace: The “Special rules of classification” paragraph with the following text.

To be complemented with the relevant subgroups of [A63B21/00](#), [A63B22/00](#), [A63B23/00](#). This group is also used for wheelchair training on rollers - such documents are additionally coded with [A63B2071/0018](#).

A63B69/36

Definition statement

Replace: The text in the “Definition statement” section with the following.

Mechanical aspects of training appliances or apparatus used when training golf, i.e. mechanical equipment which is not normally used during the game of golf.

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Insert: The following new “Relationships with other classification places” section.

Relationships with other classification places

[A63B69/36](#) and its subgroups deal with the mechanical features of training appliances or apparatus used when training golf. Some groups and subgroups in subclass [A63B](#) are used for additional information and may cause confusion:

- [A63B24/00](#), which relates to electric or electronic controls for apparatuses classified in other groups and subgroups of [A63B](#) (not [A63B71/06](#)).
- [A63B71/06](#), which relates to different kinds of indicating devices for sports for apparatuses classified in other groups and subgroups of [A63B](#).
- [A63B2220/00](#), for measuring of physical parameters relating to sporting activity.

When the invention disclosed in a document does not lie in a mechanical sports device or the electronic controlling thereof with a mechanical effect on the device, it should not be classified in [A63B](#) (at least not as “invention information”).

Limiting references

Delete: The entire “Limiting references” section.

Insert: The following new “Informative references” section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|--|-----------------------------|
| Golf clubs | A63B53/00 |
| Bags and stands | A63B55/00 |
| Golf game accessories | A63B57/00 |
| Scoring devices | A63B71/06 |
| Performance analysis | G06Q10/0639 |
| Measuring movement of entire body or parts thereof | A61B5/11 |
| Video games | A63F13/00 |
| Measure arrangements characterised by the use of optical means | G01B11/00 |

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| | |
|---|-------------|
| Systems for determining distance or velocity using ultrasonic, sonic, or infrasonic waves | G01S11/14 |
| Systems using reflection of acoustic waves | G01S15/00 |
| Systems using reflection of electromagnetic waves, velocity or trajectory | G01S17/58 |
| GPS – receivers – sporting applications | G01S19/19 |
| Recognition of whole body movements, e.g. for sport training | G06K9/00342 |
| Input interaction (Gesture, VR, GUI) | G06F3/01 |
| Data acquisition and logging | G06F17/40 |
| Computer assisted prescription or delivery by physical action, e.g. virtual trainers | G06F19/3481 |
| Analysis of motion | G06T7/20 |
| Measuring of sport goods in general | G01B5/0023 |
| Simulators for teaching or training | G09B9/00 |
| Teaching repetitive work cycles; Sequence of movements; sport | G09B19/0038 |

A63B69/3608

Insert: The following new “Definition statement” section.

Definition statement

This place covers:

Also attachments used between the hand/hands and the golf club, either by directly attaching one or more hands to the club, or by attaching the hands to one another around the golf club (e.g. via a band or a sticking surface fixing the grip to the hand/glove of the user, or even indirectly blocking the relative movement between the hands and the grip).

Limiting references

Delete: The following two rows from the “Limiting references” table.

| | |
|---|--------------|
| Means for physically limiting movements of body parts | A63B 69/0057 |
|---|--------------|

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| | |
|--|------------------------------|
| Golf stance aids, i.e. means for positioning a golfer's feet | A63B 69/3667 |
|--|------------------------------|

Insert: The following new "Informative references" section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|---|-------------------------------|
| Golf stance aids, i.e. means for positioning a golfer's feet | A63B69/3667 |
| Visual means not attached to the body for positioning the trainee's head or for detecting head movement, e.g. by parallax (for driving) | A63B69/3629 |
| Visual means not attached to the body for positioning the trainee's head or for detecting head movement, e.g. by parallax (for putting) | A63B69/3682 |
| Visual indication, e.g. Indicia (only visual (i.e. non mechanical) alignment devices) | A63B2071/0694 |
| Tactile feedback | A63B2071/0655 |
| Attachments of exercise devices to the body without movement restriction | A63B21/4001 |
| Attachments of exercising apparatus to the upper limbs of the user | A63B21/4017 |
| Attachments of exercising apparatus to the hand of the user | A63B21/4019 |
| Attachments of exercising apparatus to the wrist of the user | A63B21/4021 |

A63B69/3632

Limiting references

Delete: The following two rows from the "Limiting references" table.

| | |
|---|--------------------------------|
| Golf clubs not used for training with visual indicators for aligning the club | A63B 2053/0441 |
| Bats with a ball tethered thereto | A63B 67/20 |

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A63B69/3632Insert: The following new “Informative references” section.**Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|---|-----------------------------|
| Golf clubs not used for training with visual indicators for aligning the club | A63B53/0441 |
| Handles or grips for golf clubs, bats, rackets or the like | A63B60/06 |
| Weighted handles for golf clubs, bats, rackets or the like | A63B60/24 |
| Bats with a ball tethered thereto | A63B67/20 |
| Attachments of exercising apparatus to the upper limbs of the user | A63B21/4017 |
| Attachments of exercising apparatus to the hand of the user | A63B21/4019 |
| Attachments of exercising apparatus to the wrist of the user | A63B21/4021 |

A63B69/3661**Informative references**Insert: The following three new rows in the Informative references table.

| | |
|---|-----------------------------|
| Inclined platforms for practising drives from slopes | A63B69/3652 |
| Golf courses and golf practising terrains having a plurality of driving areas, fairways, greens. | A63B69/3691 |
| Special golf games, e.g. miniature golf, e.g. golf putting games played on putting tracks; putting practice apparatus having an elongated platform as a putting track | A63B67/02 |

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A63B69/3685Insert: The following new “Informative references” section.**Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|--|-----------------------------|
| Handles or grips for golf clubs, bats, rackets or the like | A63B60/06 |
| Weighted handles for golf clubs, bats, rackets or the like | A63B60/24 |
| Attachments of exercising apparatus to the upper limbs of the user | A63B21/4017 |
| Attachments of exercising apparatus to the hand of the user | A63B21/4019 |
| Attachments of exercising apparatus to the wrist of the user | A63B21/4021 |

A63B69/3691**Limiting references**Delete: The following row from the Limiting references section.

| | |
|---|------------|
| Pavings or foundations specially adapted for playgrounds or sports grounds; Drainage, irrigation or heating of sports grounds | E01C 13/00 |
|---|------------|

Insert: The following new “Informative references” section.**Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|--|-----------------------------|
| Inclined platforms for practising drives from slopes | A63B69/3652 |
|--|-----------------------------|

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| | |
|---|---------------------------|
| Pavings or foundations specially adapted for playgrounds or sports grounds; {Drainage, irrigation or heating of sports grounds} | E01C13/00 |
|---|---------------------------|

A63B69/407

Limiting references

Delete: The entire Limiting references section.

Insert: The following new "Informative references" section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|--|--------------------------|
| Catapults | F41B3/02 |
| Traps or throwing-apparatus for clay-pigeon or clay-disc targets with spring-operated throwing arm | F41J9/20 |

A63B71/0036

Limiting references

Replace: The two existing rows in the Limiting references table with the following three new rows.

| | |
|--|---------------------------|
| Devices for handling, treating or holding balls | A63B47/00 |
| Devices for protection, storage or transport for golf clubs, bats, rackets or the like | A63B60/56 |
| Bags and stands for golf clubs | A63B55/00 |

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Insert: The following new “Application-oriented references” section.

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

| | |
|---|---------------------------|
| Devices for handling, treating or holding balls | A63B57/20 |
|---|---------------------------|

Informative references

Insert: The following two new rows in the “Informative references” table.

| | |
|---------------------------------|------------------------------|
| Space saving in sport equipment | A63B2210/00 |
| Sport bags | A45C2003/007 |

A63B71/0045

Limiting references

Replace: The existing row in the Limiting references table with the following new row.

| | |
|--|---------------------------|
| Devices for protection, storage or transport for golf clubs, bats, rackets or the like | A63B60/56 |
|--|---------------------------|

Insert: The following new “Informative references” section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|---|----------------------------|
| Devices for storing or displaying elongated objects such as fishing rods, guns etc. | A47B81/005 |
|---|----------------------------|

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A63B71/02**Limiting references**Delete: The entire “Limiting references” section.Insert: The following new “Informative references” section.**Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|---|---------------------------|
| Design or layout of playing courts, rinks, bowling greens or areas for water-skiing | A63C19/00 |
| Pavings or foundations specially adapted for playgrounds or sports grounds; Drainage, irrigation or heating of sports grounds | E01C13/00 |
| Searchlights, i.e. outdoor lighting device producing powerful beam of parallel rays, e.g. for military or attraction purposes | F21S8/003 |

A63B71/021Delete: The entire “Limiting references” section.Insert: The following new “Informative references” section.**Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|------------------------------|---------------------------|
| Stays or guy-ropes for masts | E04H12/20 |
| Stays or guy-ropes for tents | E04H15/34 |

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A63B71/022**Informative references**

Insert: The following three new rows in the existing “Informative references” table.

| | |
|--|------------------------------|
| Removable protective covers for courts, rinks, or game pitches or the like | A63C19/12 |
| Fences; Nets; Barriers | A63C2019/085 |
| Fencing, e.g. fences, enclosures, corrals | E04H17/00 |

A63B71/023

Delete: The entire “Limiting references” section.

Insert: The following new “Informative references” section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|---|------------------------------|
| Posts for tennis or like games, e.g. volley-ball | A63B61/02 |
| Forming a target or goal by fixing net or target area to garage doorway or garage parts | A63B2063/006 |
| Fixation by suction cups | A63B2225/055 |
| Pavings or foundations specially adapted for playgrounds or sports grounds; Drainage, irrigation or heating of sports grounds | E01C13/00 |

A63B2071/0694

Insert: The following new “Relationships with other classification places” section.

Relationships with other classification places

This code typically is used with multiple classifications, exemplified as follows.

The following image shows an example of a typical document for training a golf swing (thus, classified in A63B69/3623) and which is further classified in A63B2071/0694 because of the alignment rods that give the golfer the visual indication of the actual target line.

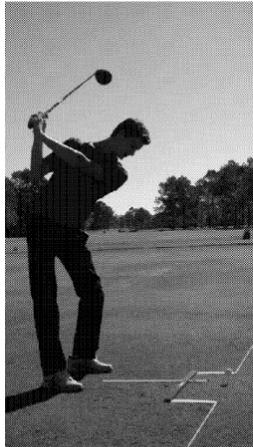


FIG. 5

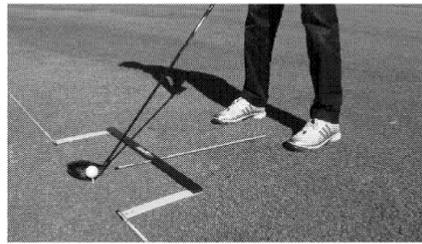
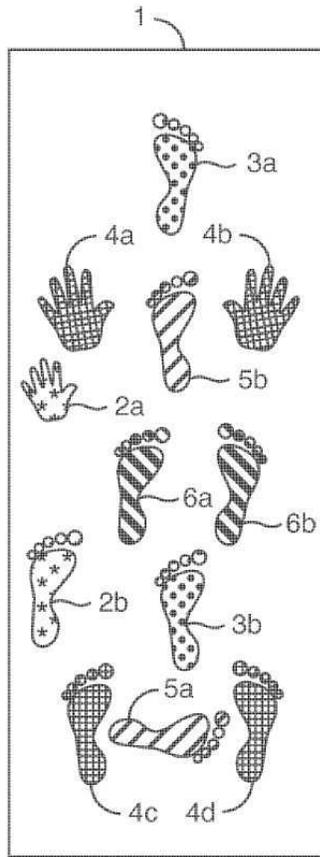


FIG. 6

The following image shows an example of use of A63B2071/0694 for classifying the pose markings of a mat for learning yoga.



The next image shows use of A63B2071/0694 for classifying the reference markings (95) on the crown of a golf club head.

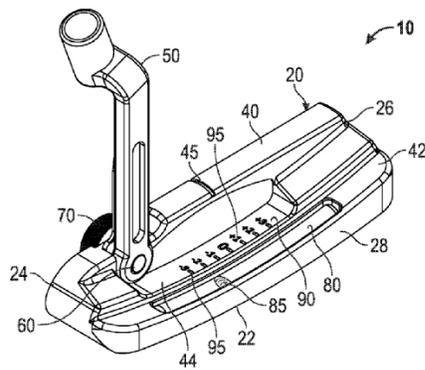


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Insert: The following new “References out of a residual place” section.

References out of a residual place

Examples of places in relation to which this place is residual:

| | |
|---|-----------------------------|
| Golf tees with direction indicators | A63B57/19 |
| Visual means not attached to the body for positioning the trainee`s head or for detecting head movement, e.g. by parallax (for driving) | A63B69/3629 |
| Visual means not attached to the body for positioning the trainee`s head or for detecting head movement, e.g. by parallax (for putting) | A63B69/3682 |
| Attachments on the body, e.g. for measuring, aligning, restraining | A63B69/3608 |
| Golf club heads with visual indicators for aligning the golf club | A63B53/0441 |
| Drivers or attachments on drivers, e.g. for measuring, aligning | A63B69/3632 |
| Putters or attachments on putters e.g. for measuring, aligning | A63B69/3685 |

Insert: The following new row in the existing “Informative references” table.

| | |
|---|-----------------------------|
| Advertising on sports articles, e.g. golf clubs | G09F23/0066 |
|---|-----------------------------|

A63B71/08

Informative references

Delete: The existing “Informative references” section.

Insert: The following new “Limiting references” section.

Limiting references

This place does not cover:

| | |
|---|---------------------------|
| Protective clothing or garments for sporting purposes | A41D13/00 |
|---|---------------------------|

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A63B71/085**Limiting references**

Replace: The existing row in the “Limiting references” table with the new row below.

| | |
|---|----------------------------|
| Fluid-filled, e.g. air-filled body protectors | A63B71/081 |
|---|----------------------------|

Informative references

Replace: The existing row in the “Informative references” table with the new row below.

| | |
|---------------------------------------|---------------------------|
| Lip or mouth protectors for dentistry | A61C5/90 |
| Protective face masks | A41D13/00 |

A63B71/12

Insert: The following new “Informative references” section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|--|---------------------------|
| When the protector for sporting purposes is integrated in garment/apparel/clothing | A41D13/00 |
|--|---------------------------|

A63B71/1225**Limiting references**

Delete: The existing “Limiting references” section.

Insert: The following new “Informative references” section.

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Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|---|----------------------------|
| Reinforcements for hosiery | A41B11/02 |
| Hosiery with pockets | A41B11/006 |
| Bandages, e.g. orthosis-like supports or braces | A61F5/0102 |
| Bandages or dressings for strengthening joints | A61F13/06 |

A63B71/1291**Limiting references**

Delete: The existing “Limiting references” section.

Insert: The following new “Informative references” section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|---|----------------------|
| Protectors for the neck as a part of a helmet | A42B |
|---|----------------------|

A63B71/141

Insert: The following new “Definition statement” section.

Definition statement

This place covers:

Wrist guards and gloves for weight lifting.

Limiting references

Delete: The existing “Limiting references” section.

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Informative referencesInsert: The following new rows in the existing “Informative references” table.

| | |
|--|-------------|
| Swimming gloves | A63B31/02 |
| Operating gloves | A61B42/10 |
| With adhesive type surfaces, e.g. hook and loop-type fastener | A63B2209/10 |
| Brush bodies shaped as gloves or finger-stalls | A46B5/04 |
| Gloves for washing the body | A47K7/02 |
| Gloves for cleaning floors, carpets, furniture, walls, or wall coverings | A47L13/18 |
| Gloves for glove-boxes | B25J21/02 |

Insert: The following new “Special rules of classification” section.**Special rules of classification**

Take into consideration the following subgroups when classifying gloves for weight lifting.

| | |
|--|-------------|
| Attachments of exercising apparatus to the upper limbs of the user | A63B21/4017 |
| Attachments of exercising apparatus to the hand of the user | A63B21/4019 |
| Attachments of exercising apparatus to the wrist of the user | A63B21/4021 |
| User-manipulated weights | A63B21/06 |

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2. B. DEFINITIONS QUICK FIX

| <u>Symbol</u> | <u>Location of change</u> (e.g., section title) | <u>Existing reference symbol or text</u> | <u>Action; New symbol; New text</u> |
|---------------|--|--|--|
| A63B15/02 | Informative references | A63B2207/00 | <p><u>Replace</u> in the Informative references table the existing symbol "A63B2207/00" with the following symbol:</p> <p style="text-align: center;">A63B 2225/76</p> |
| A63B15/02 | Informative references | A63B2207/02 | <p><u>Replace</u> in the Informative references table the existing symbol "A63B2207/02" with the following symbol:</p> <p style="text-align: center;">A63B 2225/74</p> |
| A63B23/0211 | Informative references | A63B2069/0062 | <p><u>Replace</u> in the Informative references table the existing symbol "A63B2069/0062" with the following symbol:</p> <p style="text-align: center;">A63B 69/0062</p> |
| A63B23/0211 | Informative references | A61H1/02D2 | <p><u>Replace</u> the invalid symbol in the Informative references table with the following:</p> <p style="text-align: center;">A61H 1/0218</p> |
| A63B43/06 | Informative References | A63B2207/00 | <p><u>Replace</u> in the Informative references table the existing symbol "A63B2207/00" with the following symbol:</p> <p style="text-align: center;">A63B2225/76</p> |
| A63B43/06 | Informative References | A63B2207/02 | <p><u>Replace</u> in the Informative references table the existing symbol "A63B2207/02" with the following symbol:</p> <p style="text-align: center;">A63B2225/74</p> |

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| | | | |
|---------------|------------------------|---|--|
| A63B2069/0062 | Definition | | <u>Delete</u> the <u>entire</u> definition. |
| A63B69/0064 | Limiting References | Suspension devices for supporting the body in an upright walking or standing position, e.g. harnesses A61H 3/008 | <u>Delete</u> the entire Limiting references section. |
| A63B69/0064 | Informative References | | <u>Insert</u> the following <u>new</u> Informative reference section. References Informative references <i>Attention is drawn to the following places, which may be of interest for search:</i> Suspension devices for supporting the body in an upright walking or standing position, e.g. harnesses A61H 3/008 |
| A63B69/02 | Limiting References | Fencing foils, sabres or epees F41B 13/02 | <u>Delete</u> the entire Limiting references section. |
| A63B69/02 | Informative References | | <u>Insert</u> the following <u>new</u> Informative references section. References Informative references <i>Attention is drawn to the following places, which may be of interest for search:</i> Fencing foils, sabres or epees F41B 13/02 |
| A63B69/3611 | Definition | | <u>Delete</u> the <u>entire</u> definition. |

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| | | | |
|-------------|------------------------|---|--|
| A63B69/3614 | Informative references | A63B2207/02 | <p><u>Replace</u> in the Informative references table the existing symbol "A63B2207/02" with the following symbol.</p> <p style="text-align: center;">A63B 2225/74</p> |
| A63B69/3617 | Limiting References | <p>References Limiting references <i>This place does not cover.</i> Means indicating the preferred impact point for normal golf clubs, i.e.visual indicators for aligning the golf club A63B 2053/0441</p> <p>Visual indicators for training purposes for indicating the preferred impact point or aligning the golf club A63B 69/3632</p> <p>Visual indicators for putting training purposes for indicating the preferred impact point or aligning the putter A63B 69/3685</p> | <p><u>Delete</u> the <u>entire</u> Limiting references section.</p> |
| A63B69/3617 | Informative References | | <p><u>Insert</u> the following <u>new</u> Informative references section.</p> <p>References Informative references <i>Attention is drawn to the following places, which may be of interest for search:</i></p> |

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| | | | |
|-------------|---------------------|---|--|
| | | | <p>Means indicating the preferred impact point for normal golf clubs, i.e.visual indicators for aligning the golf club A63B 2053/0441</p> <p>Visual indicators for training purposes for indicating the preferred impact point or aligning the golf club A63B 69/3632</p> <p>Visual indicators for putting training purposes for indicating the preferred impact point or aligning the putter A63B 69/3685</p> |
| A63B69/3641 | Definition | | <u>Delete</u> the <u>entire</u> definition. |
| A63B69/3647 | Definition | | <u>Delete</u> the <u>entire</u> definition. |
| A63B69/3676 | Limiting references | <p>Putting tracks A63B 67/02</p> <p>Golf courses; Golf practising terrains having a plurality of driving areas, fairways, greens A63B 69/3691</p> | <p><u>Delete</u> the following two rows from the Limiting references table.</p> <p>Putting tracks A63B 67/02</p> <p>Golf courses; Golf practising terrains having a plurality of driving areas, fairways, greens A63B 69/3691</p> |
| A63B69/3676 | | | <p><u>Insert</u> the following <u>new</u> Informative references section.</p> <p>References <i>Informative references</i> <i>Attention is drawn to the following places, which may be of interest for search:</i></p> <p>Putting tracks A63B 67/02</p> <p>Golf courses; Golf practising terrains having a plurality of</p> |

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| | | | |
|-------------|------------|--|---|
| | | | driving areas, fairways, greens A63B 69/3691 |
| A63B2207/00 | Definition | | <u>Delete</u> the <u>entire</u> Definition section. |
| A63B2207/02 | Definition | | <u>Delete</u> the <u>entire</u> Definition section. |

NOTES:

- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.

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3. REVISION CONCORDANCE LIST (RCL)

| Type* | From CPC Symbol (existing) | To CPC Symbol(s) |
|--------------|---------------------------------------|---|
| C | A63B 33/002 | A63B 33/002, A63B 33/004, A63B 33/006, A63B 33/008 |
| D | A63B 2033/004 | < administrative transfer to A63B 33/004 INV> |
| D | A63B 2033/006 | < administrative transfer to A63B 33/006 INV> |
| D | A63B 2033/008 | < administrative transfer to A63B 33/008 INV> |
| C | A63B 37/0004 | A63B 37/0004, A63B 37/00215 |
| C | A63B 37/0006 | A63B 37/0006, A63B 37/00065 |
| C | A63B 37/0021 | A63B 37/0021, A63B 37/00215 |
| C | A63B 37/0022 | A63B 37/0022, A63B 37/00221, A63B 37/00222, A63B 37/00223 |
| C | A63B 37/0023 | A63B 37/0023, A63B 37/00373, A63B 37/00376 |
| C | A63B 37/0038 | A63B 37/0038, A63B 37/00495 |
| C | A63B 37/005 | A63B 37/005, A63B 37/00691 |
| C | A63B 37/0062 | A63B 37/0062, A63B 37/00621, A63B 37/00622 |
| C | A63B 37/0077 | A63B 37/0077, A63B 37/00773, A63B 37/00776 |
| D | A63B 2037/0079 | < administrative transfer to A63B 37/0087 INV> |
| D | A63B 37/0081 | < administrative transfer to A63B 37/0087 > |
| C | A63B 37/0092 | A63B 37/0092, A63B 37/00921, A63B 37/00922 |
| C | A63B 41/00 | A63B 41/00, A63B 41/125 |
| D | A63B 69/0051 | < administrative transfer to A63B 69/00 > |
| C | A63B 69/0053 | A63B 69/0053, A63B 69/0055 |
| D | A63B 2069/0055 | < administrative transfer to A63B 69/0055 INV> |
| C | A63B 69/0057 | A63B 69/0057, A63B 69/0062 |
| D | A63B 2069/0062 | < administrative transfer to A63B 69/0062 INV> |
| C | A63B 69/36 | A63B 69/36, A63B 69/3605 |
| D | A63B 2069/3602 | < administrative transfer to A63B 69/36 INV> |
| D | A63B 2069/3605 | < administrative transfer to A63B 69/3605 INV> |
| D | A63B 69/3611 | < administrative transfer to A63B 69/36 > |
| C | A63B 69/3617 | A63B 69/3617, A63B 69/362 |
| D | A63B 2069/362 | < administrative transfer to A63B 69/362 INV> |
| C | A63B 69/3623 | A63B 69/3623, A63B 69/3629, A63B 2214/00, A63B 2225/11 |
| D | A63B 2069/3626 | < administrative transfer to A63B 69/3623 INV> |
| D | A63B 2069/3629 | < administrative transfer to A63B 69/3629 INV> |
| D | A63B 69/3641 | < administrative transfer to A63B 69/3621 > |
| D | A63B 69/3644 | < administrative transfer to A63B 69/36211 > |
| D | A63B 69/3647 | < administrative transfer to A63B 69/36212 > |
| D | A63B 69/365 | < administrative transfer to A63B 69/36213 > |
| C | A63B 69/3676 | A63B 69/3676, A63B 69/3682 |
| D | A63B 2069/3679 | < administrative transfer to A63B 69/3676 INV> |
| D | A63B 2069/3682 | < administrative transfer to A63B 69/3682 INV> |
| C | A63B 71/02 | A63B 71/02, A63B 71/03 |
| D | A63B 2207/00 | < administrative transfer to A63B 2225/76 ADD> |
| D | A63B 2207/02 | < administrative transfer to A63B 2225/74 ADD> |
| C | A63B 2209/00 | A63B 2209/00, A63B 2209/18 |

* C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:

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- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, do not use ranges of symbols.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“To”) symbol, however it is required to specify “<no transfer>” in the “To” column for such cases.
- RCL is not needed for finalisation projects.

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4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

| <u>CPC</u> | <u>IPC</u> | <u>Action*</u> |
|----------------|------------|----------------|
| A63B 2033/004 | | DELETE |
| A63B 33/004 | A63B 33/00 | NEW |
| A63B 2033/006 | | DELETE |
| A63B 33/006 | A63B 33/00 | NEW |
| A63B 2033/008 | | DELETE |
| A63B 33/008 | A63B 33/00 | NEW |
| A63B 37/00065 | A63B 37/00 | NEW |
| A63B 37/00215 | A63B 37/00 | NEW |
| A63B 37/00221 | A63B 37/00 | NEW |
| A63B 37/00222 | A63B 37/00 | NEW |
| A63B 37/00223 | A63B 37/00 | NEW |
| A63B 37/00373 | A63B 37/00 | NEW |
| A63B 37/00376 | A63B 37/00 | NEW |
| A63B 37/00495 | A63B 37/00 | NEW |
| A63B 37/00621 | A63B 37/00 | NEW |
| A63B 37/00622 | A63B 37/00 | NEW |
| A63B 37/00691 | A63B 37/00 | NEW |
| A63B 37/00773 | A63B 37/00 | NEW |
| A63B 37/00776 | A63B 37/00 | NEW |
| A63B 2037/0079 | | DELETE |
| A63B 37/0081 | | DELETE |
| A63B 37/00921 | A63B 37/00 | NEW |
| A63B 37/00922 | A63B 37/00 | NEW |
| A63B 41/125 | A63B 41/00 | NEW |
| A63B 69/0051 | | DELETE |
| A63B 2069/0055 | | DELETE |
| A63B 69/0055 | A63B 69/00 | NEW |
| A63B 2069/0062 | | DELETE |
| A63B 69/0062 | A63B 69/00 | NEW |
| A63B 2069/3602 | | DELETE |
| A63B 2069/3605 | | DELETE |
| A63B 69/3605 | A63B 69/36 | NEW |
| A63B 69/3611 | | DELETE |
| A63B 2069/362 | | DELETE |
| A63B 69/362 | A63B 69/36 | NEW |
| A63B 69/3621 | A63B 69/36 | NEW |
| A63B 69/36211 | A63B 69/36 | NEW |
| A63B 69/36212 | A63B 69/36 | NEW |
| A63B 69/36213 | A63B 69/36 | NEW |
| A63B 2069/3626 | | DELETE |
| A63B 2069/3629 | | DELETE |
| A63B 69/3629 | A63B 69/36 | NEW |
| A63B 69/3641 | | DELETE |

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| <u>CPC</u> | <u>IPC</u> | <u>Action*</u> |
|----------------|------------|----------------|
| A63B 69/3644 | | DELETE |
| A63B 69/3647 | | DELETE |
| A63B 69/365 | | DELETE |
| A63B 2069/3679 | | DELETE |
| A63B 2069/3682 | | DELETE |
| A63B 69/3682 | A63B 69/36 | NEW |
| A63B 71/03 | A63B 71/02 | NEW |
| A63B 2207/00 | | DELETE |
| A63B 2207/02 | | DELETE |
| A63B 2209/18 | CPCONLY | NEW |
| A63B 2214/00 | CPCONLY | NEW |
| A63B 2225/11 | CPCONLY | NEW |
| A63B 2225/74 | CPCONLY | NEW |
| A63B 2225/76 | CPCONLY | NEW |

*Action column:

- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with "NEW."
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with "UPDATED."
- For a (D) CPC entry or indexing entry complete the Action column with "DELETE." IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with "NEW".
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with "CPCONLY" and complete the action column with "NEW".

NOTES:

- F symbols are not included in the CICL table above.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.