A63C COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

HEALTH; AMUSEMENT

A63 SPORTS; GAMES; AMUSEMENTS

A63C SKATES; SKIS; ROLLER SKATES; DESIGN OR LAYOUT OF COURTS, RINKS OR THE LIKE (devices for underwater sports A63B 31/00, A63B 33/00, B63C 11/00; devices for gliding on water, e.g. water skis, B63B 35/79, B63B 35/81, B63B 35/83)

WARNINGS
1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:
   - A63C 5/025 covered by A63C 5/00
   - A63C 5/14 covered by A63C 5/12
2. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

Skates; Accessories for skating

1/00 Skates (roller skates or skate boards A63C 17/00)
   - 1/02 rigidly mounted on the sole of the boot
   - 1/04 fastened by means of clamps
   - 1/06 with sole and heel plates each equipped with clamps
   - 1/08 with simultaneously-tightened sole and heel clamps
   - 1/10 tightened by the movement of the foot
   - 1/12 tightened by lateral swinging or shifting of the blade or of the whole skate
   - 1/14 tightened by means of springs
   - 1/16 Special structure of the clamp fastening devices
   - 1/18 fastened by means of straps
   - 1/20 with fastening means on special metal parts
   - 1/22 with special foot-plates of the boot
   - 1/24 Elastic plates
   - 1/26 divided into two parts permitting adjustment to the size of the foot
   - 1/28 Pivotedly-mounted plates
   - 1/30 with special blades
   - 1/303 (removably fastened to the blade holder)
   - 1/306 (Ice wheels)
   - 1/32 Special constructions of the simple blade
   - 1/34 Multi-part blades
   - 1/36 with several blades
   - 1/38 of the tubular type
   - 1/40 manufactured of one piece of material
   - 1/42 Manufacture of skates

3/00 Accessories for skates
   - 3/02 Supports for the foot-joint (footwear with foot-supporting parts A43B 7/14)
   - 3/04 Supporting frames or gliders for skaters
   - 3/06 Supports for use whilst strapping skates on to boots
   - 3/08 Special spikes for the blades of skates
   - 3/10 Auxiliary devices for sharpening blades
   - 3/12 Guards for skate blades

3/14 Keys for skates

Ski; Accessories for skiing

5/00 Skis or snowboards (sledges with runners, e.g. skibobs, B62B 13/00; runners for sledges B62B 17/02; runners for carrying wheeled vehicles to facilitate travel on snow or ice B62B 19/00)
   - 5/003 [Structure, covering or decoration of the upper ski surface]
   - 5/006 [Appearance of the ski-tip, the rear end or the upper ski-edge]
   - 5/02 collapsible; divided
   - 5/03 Mono skis; Snowboards
   - 5/031 [Snow-ski boards with two or more runners or skis connected together by a rider-supporting platform]
   - 5/033 [Devices for enabling the use of a normal ski as mono-ski, e.g. platforms fixed on the ski for supporting the ski boots side-by-side]
   - 5/035 with ground engaging rolls or belts
   - 5/04 Structure of the surface thereof
   - 5/0405 [Shape thereof when projected on a plane, e.g. sidecut, camber, rocker]
   - 5/0411 [asymmetric]
   - 5/0417 [with fins or longitudinal protrusions on the running sole]
   - 5/0422 [Longitudinal guiding grooves]
   - 5/0428 [Other in-relief running soles (tooth-shaped running sole-plates A63C 7/06)]
   - 5/0434 [of the side walls]
   - 5/044 [of the running sole]
   - 5/048 [of the edges]
   - 5/0485 [Complementary or supplementary ski edges]
   - 5/052 [of the tips or rear ends]
   - 5/056 Materials for the running sole
   - 5/06 [with special devices thereon, e.g. steering devices]
   - 5/061 [Ski-boot sole-scrapers]
   - 5/062 [Protection or reinforcement devices for the ski-tip or the ski rear end]
Ski bindings

**WARNING**

Group A63C 9/00 is impacted by reclassification into group A63C 9/005.

Groups A63C 9/00 and A63C 9/005 should be considered in order to perform a complete search.

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9/005 

[Anti-friction devices]

9/002 

[Strap closures or latches; Leashes]

9/003 

[Non-swivel sole plate fixed on the ski]

9/005 

[with means for adjusting the position of a shoe holder or of the complete binding relative to the ski]

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**WARNING**

Group A63C 9/005 is incomplete pending reclassification of documents from group A63C 9/00.

Groups A63C 9/005 is also impacted by reclassification into groups A63C 9/0053 and A63C 9/0057.

Groups A63C 9/00, A63C 9/005, A63C 9/0053 and A63C 9/0057 should be considered in order to perform a complete search.

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9/0053 

[for length adjustment]

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**WARNING**

Group A63C 9/0053 is incomplete pending reclassification of documents from group A63C 9/005.

Groups A63C 9/005 and A63C 9/0053 should be considered in order to perform a complete search.

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9/0057 

[for height adjustment]

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**WARNING**

Group A63C 9/0057 is incomplete pending reclassification of documents from group A63C 9/005.

Groups A63C 9/005 and A63C 9/0057 should be considered in order to perform a complete search.

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9/006 

[with a climbing wedge]

9/007 

[Systems preventing accumulation of forces on the binding when the ski is bending]

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2009/008 

[with a binding element sliding along a rail during use or setting]

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9/002 

[Non-self-releasing bindings with swivel sole-plate or swivel parts, i.e. Ellefsen-type]

9/004 

[Non-self-releasing long strap bindings]

9/006 

[Non-self-releasing heel-engaging cable bindings fastened to the front end of the ski]

9/005 

[Details, e.g. cables, guides for cables, sockets, hooks, claws or stretchers]

9/08 

[yielding or self-releasing in the event of an accident, i.e. safety bindings]

9/002 

[other than mechanically controlled, e.g. electric, electronic, hydraulic, pneumatic, magnetic, pyrotechnic devices; Remote control (A63C 9/0885 takes precedence)]

9/005 

[Adjustment of the toe or heel holders; Indicators therefor (adjusting toe-clamps A63C 9/22)]

9/007 

[for both towing and downhill skiing]
Skis: Accessories for skiing

9/081 .. with swivel sole-plate
9/082 .. with swivel heel-plate
9/083 .. with loosenable cable strap
9/084 .. with heel hold-downs, e.g. swingable
9/0841 .. {with a single jaw}
9/0842 .. .. [the jaw pivoting on the body or base about a transverse axis]
9/0843 .. .. {with a plurality of mobile jaws]
9/0844 .. .. {the body pivoting about a transverse axis]
9/0845 .. .. {the body or base or a jaw pivoting about a vertical axis, i.e. side release]
9/0846 .. .. {Details of the release or step-in mechanism]
9/0847 .. .. {Details of the manual release]
9/0848 .. .. {Structure or making]
9/085 .. .. with sole hold-downs, e.g. swingable
9/08507 .. .. {with a plurality of mobile jaws]
9/08514 .. .. {pivoting about a transverse axis]
9/08521 .. .. {pivoting about a vertical axis, e.g. side release]
9/08528 .. .. {pivoting about a longitudinal axis]
9/08535 .. .. {with a mobile body or base or single jaw]
9/08542 .. .. {pivoting about a transverse axis]
9/0855 .. .. {pivoting about a vertical axis]
9/08557 .. .. {Details of the release mechanism]
9/08564 .. .. {using cam or slide surface]
9/08571 .. .. {using axis and lever]
9/08578 .. .. {using a plurality of biasing elements]
9/08585 .. .. {using transverse biasing element]
9/08592 .. .. {Structure or making]
9/086 .. .. using parts which are fixed on the shoe of the user and are releasable from the ski binding
9/088 .. .. with electronically controlled locking devices
9/0885 .. .. {remotely operated, e.g. by the skier]
9/10 .. Non-self-releasing toe-jaw-irons; Non-self-releasing binding hooks made of one piece
9/12 .. Non-self-releasing elastic heel-straps
9/14 .. Non-self-releasing bindings without heel-straps, but with both guiding cheeks and toe-straps
9/16 .. Non-self-releasing bindings without straps, but with guiding cheeks
9/18 .. Non-self-releasing bindings without heel-straps, but with a clamping device arranged at the front end of, or behind, the binding
9/20 .. Non-self-releasing bindings with special sole edge holders instead of toe-straps
9/22 .. Arrangements for adjusting the toe-clamps
9/24 .. Tighteners for ski bindings (tighteners for self-releasing ski bindings A63C 9/08)
9/245 .. .. {forming part of a cable binding]

10/00 Snowboard bindings

10/005 .. (of the baseless type, i.e. without structural part under the shoe)
10/006 .. .. characterised by details of the shoe holders
10/007 .. .. Shoe holders for passing over the shoe
10/008 .. .. {with means to ease introduction of the shoe, e.g. by collapsing upstanding shoe holder parts]
10/009 .. .. Straps therefor, e.g. adjustable straps
10/010 .. .. {on the sides of the shoe]
10/012 .. .. (to the front and back of the shoe]
10/014 .. .. Yieldable or self-releasing in the event of an accident, i.e. safety bindings
10/018 .. .. Interfaces, e.g. in the shape of a plate
10/020 .. .. {between two superimposed binding systems, e.g. cradle]
10/022 .. .. Systems for adjusting the direction or position of the bindings
10/024 .. .. about a vertical rotation axis relative to the board
10/026 .. .. in longitudinal or lateral direction relative to the board
10/028 .. .. to fit the size of the shoe (A63C 10/06 takes precedence)
10/028 .. .. {as foot or binding supports, e.g. pads made of foam]

11/00 Accessories for skiing or snowboarding (fittings on vehicles for carrying skis B60R 9/12)

11/001 .. {Seats formed of skis or of accessories for skis]
11/002 .. .. {Stretchers formed of skis or of accessories for skis]
11/003 .. .. {Signalling devices, e.g. acoustical or visual }
11/004 .. .. Anti-theft devices for skis or ski equipment (A63C 11/003 takes precedence)
11/005 .. .. {on the ski or pole]
11/006 .. .. {Portable locking means]
11/007 .. .. {Lockable ski racks, cupboards or the like]
11/008 .. .. {coin-operated]
11/009 .. .. {for carrying devices]
11/02 .. Devices for stretching, clamping or pressing skis or snowboards for transportation or storage
11/021 .. .. {Devices for binding skis in pairs, e.g. straps, clips (A63C 11/003 takes precedence)
11/022 .. .. {with magnets]
11/023 .. .. {Carrying-devices]
11/025 .. .. {for skis or ski-sticks]
11/026 .. .. {on wheels]
11/027 .. .. {Protectors for skis, e.g. containers on the roof of cars]
11/028 .. .. {Storage in cupboards or ski-racks, e.g. with clamping devices]
11/029 .. .. {for treating skis or snowboards
11/03 .. .. Edge-sharpeners
11/08 .. .. Apparatus for waxing or dewaxing (ski waxes C09G 3/00)
11/10 .. .. Apparatus for towing skis [(ski-lifts B61B 11/00]
11/12 .. .. Apparatus for hooking the heel part of the boot to the ski
11/14 .. .. Apparatus for repairing damaged skis or snowboards
11/16 .. .. Special devices on boots for fastening ski thereto (A63C 9/00 takes precedence)
11/18 .. .. Devices for removing snow from skis, snowboards, boots or bindings
11/20 .. .. Snow protectors on skis or snowboards
11/22 .. .. Skis-sticks
Skis; Accessories for skiing

17/00  Roller skates; Skate-boards

17/0006 . . . [Accessories]
17/0013 . . . [Devices used in combination with the skate but not fixed to it, e.g. supporting frames, sail, sticks, auxiliary wheel aid (uni axle walk-type tractors B62D 51/06)]
17/002 . . . [Covers; Guards]
17/0026 . . . [Roller skates used otherwise than standing or sitting on them, e.g. body skates]
17/0033 . . . [with a castor wheel, i.e. a swiveling follow-up wheel]
17/004 . . . [with auxiliary wheels not contacting the riding surface during steady riding]
17/0046 . . . [with shock absorption or suspension system]
2017/0053 . . . [with foot plate quick release or shoe binding]
17/006 . . . [with wheels of different size or type]
17/0066 . . . [with inclined wheel, i.e. not perpendicular to the surface it rolls on]
17/0073 . . . [with offset wheel, i.e. wheel contact point to surface offset from other associated wheel]
17/008 . . . [with retractable wheel, i.e. movable relative to the chassis out of contact from surface]
17/0086 . . . [Roller skates adjustable in length to fit the size of the foot]
17/0093 . . . [Mechanisms transforming leaning into steering through an inclined geometrical axis, e.g. truck (A63C 17/01 takes precedence)]
17/01 . . . [Skateboards (A63C 17/02 - A63C 17/28 take precedence; [rolling devices on skis A63C 5/035])]
17/011 . . . [with steering mechanisms]
17/012 . . . [with a truck, i.e. with steering mechanism comprising an inclined geometrical axis to convert lateral tilting of the board in steering of the wheel axis]
17/013 . . . [with parallelograms, follow up wheels or direct steering action]
17/014 . . . [Wheel arrangements]
19/00  Design or layout of playing courts, rinks, bowling greens or areas for water-skiing; Covers therefor ((golf courses A63B 69/369); water roundabouts A63G 3/00; construction of surfaces of foundations E01C; roofs E04B 7/00; buildings or groups of buildings for sports E04H 3/10; swimming or splash baths or pools E04H 4/00; coverings for baths E04H 4/06)

19/005  . [Boxing rings]

19/02  . Shaping of the surface of courts according to the necessities of the different games ((surface construction E01C))

19/04  . Mats or carpets for courts

19/06  . Apparatus for setting-out or dividing courts

19/062  . . [Slalom gate poles, posts or marking sticks for sport fields]

19/065  . . [Line gate poles, posts or marking sticks for sport fields]

19/08  . . Mechanical means for marking-out

19/085  . . . [Machines for marking]

19/10  . Ice-skating or roller-skating rinks; Slopes or trails for skiing, ski-jumping or tobogganing (chutes A63G 21/00; ski-lifts B61B 11/00; making or maintaining surfaces of snow or ice suitable for traffic or sporting purposes E01H 4/00; removing snow or ice E01H 5/00; production of ice or snow E25C 3/00)

19/12  . Removable protective covers for courts, rinks, or game pitches or the like

2201/00  Use of skates, skis, roller-skates, snowboards and courts

2201/02  . Aggressive riding, e.g. grinding

2201/04  . Ski jumping

2201/06  . Telemark

2201/10  . for handicapped people

2201/12  . Tandem riding

Skates: Accessories for skating

2203/00  Special features of skates, skis, roller-skates, snowboards and courts

2203/02  . enabling transverse riding, i.e. with one runner or skate per foot and direction transverse to the foot

2203/06  . enabling conversion into another device

2203/065  . . replacing in the binding the shoe by another device

2203/08  . Decoration

2203/10  . enabling folding, collapsing

2203/12  . Electrically powered or heated

2203/14  . Lighting means

2203/16  . Inflatable

2203/18  . Measuring a physical parameter, e.g. speed, distance

2203/20  . Shock or vibration absorbing

2203/22  . Radio waves emitting or receiving, e.g. remote control, RFID

2203/24  . Processing or storing data, e.g. with electronic chip

2203/40  . Runner or deck of boards articulated between both feet

2203/42  . Details of chassis of ice or roller skates, of decks of skateboards