CPC  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 (water skis B63B 32/00, B63B 34/00)

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 5/14 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 | Pivotaly-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 |

### Skis or snowboards: Accessories therefor encompasses groups A63C 5/00 – A63C 11/265 only:

| 5/00 | Skis or snowboards (sledges with runners, e.g. ski-bobs, B62B 13/00; runners for sledges B62B 17/02; runners for carrying wheeled vehicles to facilitate travel on snow or ice B62B 19/00) |

**WARNING**

Group A63C 5/00 is impacted by reclassification into group A63C 5/025. Groups A63C 5/00 and A63C 5/025 should be considered in order to perform a complete search.

| 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 |

**WARNING**

Group A63C 5/02 is impacted by reclassification into group A63C 5/025. Groups A63C 5/02 and A63C 5/025 should be considered in order to perform a complete search.

| 5/025 | Short skis |

**WARNING**

Group A63C 5/025 is incomplete pending reclassification of documents from groups A63C 5/00 and A63C 5/02. Groups A63C 5/00, A63C 5/02 and A63C 5/025 should be considered in order to perform a complete search.

| 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} |
Skis or snowboards; Accessories therefor encompasses groups A63C5/00 – A63C11/265 only.

5/035 . with ground engaging rolls or belts
5/04 . Structure of the surface thereof
5/040 . (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 . (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)
2005/063 . (Rolling or like devices)
5/065 . Anti-crossing devices
5/07 . comprising means for adjusting stiffness
5/075 . Vibration dampers (vibration dampers per se F16F 7/00)
5/08 . motor-driven (A63C 5/035 takes precedence; apparatus for towing skis A63C 11/10))
5/085 . (with rolling or like devices)
5/11 . combined with sails or the like {; Accessories especially adapted for sail-skiing}

NOTE
When classifying in this group, details of sail or rigging arrangements which are suited for marine wind propulsion are also classified in the relevant groups of subclass B63H, e.g. in groups B63H 8/00, B63H 9/04.

WARNING
Group A63C 5/11 is impacted by reclassification into groups B63H 8/00 - B63H 8/70 and B63H 9/04 - B63H 9/072.
All groups listed in this Warning should be considered in order to perform a complete search.

5/12 . Making thereof; Selection of particular materials (materials for the running sole A63C 5/056)
5/122 . (Selection of particular materials for damping purposes, e.g. rubber or the like)
5/124 . (Selection of particular materials for the upper ski surface)
5/126 . (Structure of the core)
5/128 . (A part for the binding being integrated within the board structure, e.g. plate, rail, insert)
5/16 . Devices enabling skis to be used whilst held in a particular configuration with respect to each other, e.g. for training purposes

7/00 Devices preventing skis from slipping back; Ski-stoppers or ski-brakes
7/005 . (Devices preventing skis from slipping back, actuated by the boot)
7/02 . Skis; Substitutes for skis

7/04 . Fastening-devices for skins
7/06 . Tooth-shaped running sole-plates
7/08 . Stoppage blades attachable to the skis in such manner that these blades are permanently in the operative position
7/10 . Hinged stoppage blades attachable to the skis in such manner that these blades can be moved out of the operative position
7/1006 . (Ski-stoppers)
7/1013 . [actuated by the boot (A63C 7/106 takes precedence)]
7/102 . (articulated about one transverse axis)
7/1026 . (laterally retractable above the ski surface)
7/1033 . (articulated at least about two transverse axes)
7/104 . (laterally retractable above the ski surface)
7/1046 . (actuated by the ski-binding (A63C 7/106 takes precedence)
7/1053 . (laterally retractable above the ski surface)
7/106 . (articulated about a longitudinal axis)
7/1066 . (for mono-skis or snow-ski boards)
7/1073 . (Ski-brakes)
7/108 . (operated by hand, e.g. using a stick, by leg or by boot)
7/1086 . (operated by other means, e.g. by electric, pneumatic or hydraulic means)
7/1093 . (Details)
7/12 . Ski crampons preventing lateral slipping

9/00 Ski bindings
9/001 . (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)
9/0053 . (for length adjustment)
9/0057 . (for height adjustment)
9/006 . (with a climbing wedge)
9/007 . [Systems preventing accumulation of forces on the binding when the ski is bending]
2009/008 . (with a binding element sliding along a rail during use or setting)
9/02 . Non-self-releasing bindings with swivel sole-plate or swivel parts, i.e. Ellefsen-type
9/04 . Non-self-releasing long strap bindings
9/06 . Non-self-releasing heel-engaging cable bindings fastened to the front end of the ski
9/065 . (Details, e.g. cables, guides for cables, sockets, hooks, claws or stretchers)
9/08 . yieldable or self-releasing in the event of an accident, i.e. safety bindings
9/0802 . [other than mechanically controlled, e.g. electric, electronic, hydraulic, pneumatic, magnetic, pyrotechnic devices; Remote control (A63C 9/0885 takes precedence)
9/0805 . (Adjustment of the toe or heel holders; Indicators therefor (adjusting toe-clamps A63C 9/22)]
9/0807 . (for both towing and downhill 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
Skis or snowboards; Accessories therefor encompasses groups A63C5/00 – A63C11/265 only.

9/0841 . . . . . . [with a single jaw] 10/145 . . . . . . [between two superimposed binding systems, e.g. cradle]
9/0842 . . . . . . [the jaw pivoting on the body or base about a transverse axis] 10/16 . . . . . . Systems for adjusting the direction or position of the bindings
9/0843 . . . . . . [with a plurality of mobile jaws] 10/18 . . . . . . about a vertical rotation axis relative to the board
9/0844 . . . . . . [the body pivoting about a transverse axis] 10/20 . . . . . . in longitudinal or lateral direction relative to the board
9/0845 . . . . . . [the body or base or a jaw pivoting about a vertical axis, i.e. side release] 10/22 . . . . . . . to fit the size of the shoe (A63C 10/06 takes precedence)
9/0846 . . . . . . [Details of the release or step-in mechanism] 10/24 . . . . . . Calf or heel supports, e.g. adjustable high back or heel loops
9/0847 . . . . . . [Details of the manual release] 10/26 . . . . . . Shock or vibration dampers
9/0848 . . . . . . [Structure or making] 10/28 . . . . . . characterised by auxiliary devices or arrangements on the bindings
9/085 . . . . . . with sole hold-downs, e.g. swingable 10/285 . . . . . . [Pads as foot or binding supports, e.g. pads made of foam]
9/08507 . . . . . . [with a plurality of mobile jaws] 11/00 Accessories for skiing or snowboarding (fittings on vehicles for carrying skis B60R 9/12)
9/08514 . . . . . . [pivoting about a transverse axis] 11/001 . . . . . . [Seats formed of skis or of accessories for skis]
9/08521 . . . . . . [pivoting about a vertical axis, e.g. side release] 11/002 . . . . . . [Stretchers formed of skis or of accessories for skis]
9/08528 . . . . . . [pivoting about a longitudinal axis] 11/003 . . . . . . [Signalling devices, e.g. acoustical or visual (A63C 11/225 takes precedence; means for indicating the location of accidentally snow-buried persons A63B 29/021)]
9/08535 . . . . . . [with a mobile body or base or single jaw] 11/004 . . . . . . [Anti-theft devices for skis or ski equipment (A63C 11/003 takes precedence)]
9/08542 . . . . . . [pivoting about a transverse axis] 11/005 . . . . . . [on the ski or pole]
9/0855 . . . . . . [pivoting about a vertical axis] 11/006 . . . . . . [Portable locking means]
9/08557 . . . . . . [Details of the release mechanism] 11/007 . . . . . . [Lockable ski racks, cupboards or the like]
9/08564 . . . . . . [using cam or slide surface] 11/008 . . . . . . [coin-operated]
9/08571 . . . . . . [using axis and lever] 11/009 . . . . . . [for carrying devices]
9/08578 . . . . . . [using a plurality of biasing elements] 11/02 . . . . . . Devices for stretching, clamping or pressing skis or snowboards for transportation or storage
9/08585 . . . . . . [using transverse biasing element] 11/021 . . . . . . [Devices for binding skis in pairs, e.g. straps, clips (A63C 11/023 takes precedence)]
9/08592 . . . . . . [Structure or making] 11/022 . . . . . . . [with magnets]
9/086 . . . . . . using parts which are fixed on the shoe of the user and are releasable from the ski binding 11/023 . . . . . . . [Carrying-devices]
9/088 . . . . . . with electronically controlled locking devices 11/025 . . . . . . . [for skis or ski-sticks]
9/0885 . . . . . . [remotely operated, e.g. by the skier] 11/026 . . . . . . . . . [on wheels]
9/10 . . . . . . [Non-self-releasing toe jaw-irons; Non-self-releasing binding hooks made of one piece 11/027 . . . . . . . [Protectors for skis, e.g. containers on the roof of cars]
9/12 . . . . . . [Non-self-releasing elastic heel-straps] 11/028 . . . . . . . [Storage in cupboards or ski-racks, e.g. with clamping devices]
9/14 . . . . . . [Non-self-releasing bindings without heel-straps, but with both guiding cheeks and toe-straps] 11/04 . . . . . . for treating skis or snowboards
9/16 . . . . . . [Non-self-releasing bindings without straps, but with guiding cheeks] 11/06 . . . . . . Edge-sharpeners
9/18 . . . . . . [Non-self-releasing bindings without heel-straps, but with a clamping device arranged at the front end of, or behind, the binding] 11/08 . . . . . . Apparatus for waxing or dewaxing (ski waxes C09G 3/00)
9/22 . . . . . . Arrangements for adjusting the toe-clamps 11/12 . . . . . . Apparatus for hooking the heel part of the boot to the ski
9/24 . . . . . . Tighteners for ski bindings (tighteners for self-releasing ski bindings A63C 9/06) 11/14 . . . . . . Apparatus for repairing damaged skis or snowboards
9/245 . . . . . . [forming part of a cable binding] 11/16 . . . . . . Special devices on boots for fastening skis thereto (A63C 9/00 takes precedence)
10/00 Snowboard bindings 11/18 . . . . . . Devices for removing snow from skis, snowboards, boots or bindings
10/005 . . . . . . (of the baseless type, i.e. without structural part under the shoe) 11/20 . . . . . . Snow protectors on skis or snowboards
10/02 . . . . . . characterised by details of the shoe holders 11/22 . . . . . . Ski-sticks
10/04 . . . . . . Shoe holders for passing over the shoe 11/221 . . . . . . . . . . (telescopic, e.g. for varying the length or for damping shocks)
10/045 . . . . . . [with means to ease introduction of the shoe, e.g. by collapsing upstanding shoe holder parts]
Skis or snowboards; Accessories therefor encompasses groups A63C5/00 – A63C11/265 only.

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]
17/0053 . [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]
17/015 . . . [with wheels arranged in two pairs]
17/016 . . . [with wheels arranged in one track]
17/017 . . . [Production or mounting thereof]
17/018 . . . [Ice skateboards]
17/02 . with wheels arranged in two pairs { (A63C 17/01 takes precedence) }
17/04 . with wheels arranged otherwise than in two pairs { (A63C 17/01 takes precedence) }
17/045 . . . [Roller skis]
17/05 . . . single-track type
17/061 . . . [with relative movement of sub-parts on the chassis]
17/08 . . . [with auxiliary wheels not contacting the riding surface it rolls on]
17/10 . . . with endless tracks
17/12 . . . with driving mechanisms
17/14 . . . with brakes, e.g. toe stoppers, freewheel roller clutches
17/1409 . . . [contacting one or more of the wheels]
17/1418 . . . [with radial movement against the roll surface of the wheel]
17/1427 . . . [the brake contacting other wheel associated surfaces, e.g. hubs, brake discs or wheel flanks]
17/1436 . . . (contacting the ground)

11/222 . . . [Ski-stick handles or hand-straps]

**WARNING**

Group A63C 11/222 is impacted by reclassification into groups A63C 11/2224 and A63C 11/222.

Groups A63C 11/222, A63C 11/2224 and A63C 11/2228 should be considered in order to perform a complete search.

11/224 . . . [Connection systems for hand-straps]

**WARNING**

Group A63C 11/222 is incomplete pending reclassification of documents from group A63C 11/222.

Groups A63C 11/222 and A63C 11/2224 should be considered in order to perform a complete search.

11/228 . . . [Details of hand-straps]

**WARNING**

Group A63C 11/2228 is incomplete pending reclassification of documents from group A63C 11/222.

Groups A63C 11/222 and A63C 11/2224 should be considered in order to perform a complete search.

11/224 . . . [associated with timing devices]
11/225 . . . [with signalling devices, e.g. acoustical or visual (means for indicating the location of accidentally snow-buried persons A63B 29/021)]
11/227 . . . [Details; Structure]
11/228 . . . [Accessories]
11/24 . . . Rings for ski-sticks
11/26 . Devices for use in mounting ski-bindings to skis, e.g. jigs; [Testing or measuring devices specially adapted therefor]
11/265 . . . [Devices for testing or measuring the release force of safety ski bindings]

13/00 Snow shoes
13/001 . [Bindings therefor]
13/003 . [Means thereof for preventing slipping, e.g. crampons, e.g. on frame or shoe plate]
13/005 . [Frames therefor]
13/006 . [Shoe support therefor, e.g. plate, movable relative to the frame]
13/008 . [Adjustable heel support therefor, e.g. climbing wedge]
13/02 . Snow shoe rings

17/00 Roller skates; Skateboards
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]
A63C

17/1445 . . . contacting the ground and one or more of the wheels
17/1454 . . . Freewheel roller clutches
2017/1463 . . . Foot or toe operated
2017/1472 . . . Hand operated
2017/1481 . . . Leg or ankle operated
2017/149 . . . Stick operated
17/16 . . . for use on specially shaped or arranged runways
17/18 . . . convertible into ice or snow-running skates
17/20 . . . with fixable wheels permitting the skates to be used for walking
17/22 . . . Wheels for roller skates
17/223 . . . Wheel hubs
17/226 . . . Wheel mounting, i.e. arrangement connecting wheel and axle mount
17/24 . . . with ball-shaped or spherical running surfaces
17/26 . . . with special auxiliary arrangements, e.g. illuminating, marking, or push-off devices
17/262 . . . with foot bindings or supports therefor
17/265 . . . with handles or hand supports
17/267 . . . combined with wings or sails
17/28 . . . with arrangements for sitting

Design or layout of playing courts, rinks, bowling greens or areas for water-skiing; Covers therefor

19/00 . . . Construction or layout of playing courts, rinks, bowling greens or areas for water-skiing; Covers therefor

19/02 . . . Shaping of the surface of courts according to the necessities of the different games
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 markings, e.g. tapes; Methods therefor

2019/067 . . . Machines for marking

2019/08 . . . Mechanical means for marking-out
2019/085 . . . Fences; Nets; Barriers

19/10 . . . Ice-skating or roller-skating rinks; Slopes or trails for skiing, ski-jumping or tobogganing

2017/12 . . . Electrically powered or heated
2017/14 . . . Lighting means
2017/16 . . . Inflatable
2017/18 . . . Measuring a physical parameter, e.g. speed, distance
2017/20 . . . Shock or vibration absorbing
2017/22 . . . Radio waves emitting or receiving, e.g. remote control, RFID

2203/04 . . . Skis, skates or boards with shoe-like cradles comprising additional leg support
2203/05 . . . Direct actuation of steering of roller skate or skateboards, e.g. by a foot plate
2203/08 . . . Snowboard or ski binding or interface allowing pivoting motion during riding

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
2203/44 . . . Storage or transportation means for ice or roller skates
2203/46 . . . Skateboards or boards for snow having superimposed decks
2203/48 . . . Roller or ice skates adjustable in width
2203/50 . . . Skis, skates or boards with shoe-like cradles comprising additional leg support
2203/52 . . . Direct actuation of steering of roller skate or skateboards, e.g. by a foot plate
2203/54 . . . Snowboard or ski binding or interface allowing pivoting motion during riding

2203/02 . . . Aggressive riding, e.g. grinding
2203/04 . . . Ski jumping
2203/06 . . . Telemark
2203/10 . . . for handicapped people
2203/12 . . . Tandem riding

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

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