

# 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

- 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](#)
- 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

#### **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

#### 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}

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|-------------|--|-------------|--|
| 5/035       | • with ground engaging rolls or belts  | 7/04        | • Fastening-devices for skins  |
| 5/04        | • Structure of the surface thereof   | 7/06        | • Tooth-shaped running sole-plates   |
| 5/0405      | • • {Shape thereof when projected on a plane, e.g. sidecut, camber, rocker}  | 7/08        | • Stoppage blades attachable to the skis in such manner that these blades are permanently in the operative position  |
| 5/0411      | • • • {asymmetric}   | 7/10        | • Hinged stoppage blades attachable to the skis in such manner that these blades can be moved out of the operative position  |
| 5/0417      | • • {with fins or longitudinal protrusions on the running sole}  | 7/1006      | • • {Ski-stoppers}   |
| 5/0422      | • • {Longitudinal guiding grooves}   | 7/1013      | • • • {actuated by the boot ( <a href="#">A63C 7/106</a> takes precedence)}  |
| 5/0428      | • • {Other in-relief running soles (tooth-shaped running sole-plates <a href="#">A63C 7/06</a> )}  | 7/102       | • • • • {articulated about one transverse axis}  |
| 5/0434      | • • {of the side walls}  | 7/1026      | • • • • • {laterally retractable above the ski surface}  |
| 5/044       | • • of the running sole  | 7/1033      | • • • • • {articulated about at least two transverse axes}   |
| 5/048       | • • of the edges   | 7/104       | • • • • • {laterally retractable above the ski surface}  |
| 5/0485      | • • • {Complementary or supplementary ski edges}   | 7/1046      | • • • {actuated by the ski-binding ( <a href="#">A63C 7/106</a> takes precedence)}   |
| 5/052       | • • of the tips or rear ends   | 7/1053      | • • • • {laterally retractable above the ski surface}  |
| 5/056       | • • Materials for the running sole   | 7/106       | • • • {articulated about a longitudinal axis}  |
| 5/06        | • with special devices thereon, e.g. steering devices  | 7/1066      | • • • {for mono-skis or snow-ski boards}   |
| 5/061       | • • {Ski-boot sole-scrapers}   | 7/1073      | • • {Ski-brakes}   |
| 5/062       | • • {Protection or reinforcement devices for the ski-tip or the ski rear end}  | 7/108       | • • • {operated by hand, e.g. using a stick, by leg or by boot}  |
| 2005/063    | • • {Rolling or like devices}  | 7/1086      | • • • {operated by other means, e.g. by electric, pneumatic or hydraulic means}  |
| 5/065       | • • Anti-crossing devices  | 7/1093      | • • {Details}  |
| 5/07        | • • comprising means for adjusting stiffness   | 7/12        | • Ski crampons preventing lateral slipping   |
| 5/075       | • • Vibration dampers ( <a href="#">vibration dampers per se F16F 7/00</a> )   |             |  |
| 5/08        | • motor-driven ( <a href="#">A63C 5/035</a> takes precedence; {apparatus for towing skis <a href="#">A63C 11/10</a> })   | <b>9/00</b> | <b>Ski bindings</b>  |
| 5/085       | • • {with rolling or like devices}   | 9/001       | • {Anti-friction devices}  |
| 5/11        | • combined with sails or the like {; Accessories specially adapted for sail-skiing}  | 9/002       | • {Strap closures or latches; Leashes}   |
|             | <b>NOTE</b>  | 9/003       | • {Non-swivel sole plate fixed on the ski}   |
|             | 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 <a href="#">B63H</a> , e.g. in groups <a href="#">B63H 8/00</a> , <a href="#">B63H 9/04</a> . | 9/005       | • {with means for adjusting the position of a shoe holder or of the complete binding relative to the ski}  |
|             | <b>WARNING</b>   | 9/0053      | • • {for length adjustment}  |
|             | Group <a href="#">A63C 5/11</a> is impacted by reclassification into groups <a href="#">B63H 8/00</a> - <a href="#">B63H 8/70</a> and <a href="#">B63H 9/04</a> - <a href="#">B63H 9/072</a> .   | 9/0057      | • • {for height adjustment}  |
|             | All groups listed in this Warning should be considered in order to perform a complete search.  | 9/006       | • {with a climbing wedge}  |
| 5/12        | • Making thereof; Selection of particular materials ( <a href="#">materials for the running sole A63C 5/056</a> )  | 9/007       | • {Systems preventing accumulation of forces on the binding when the ski is bending}   |
| 5/122       | • • {Selection of particular materials for damping purposes, e.g. rubber or the like}  | 2009/008    | • {with a binding element sliding along a rail during use or setting}  |
| 5/124       | • • {Selection of particular materials for the upper ski surface}  | 9/02        | • Non-self-releasing bindings with swivel sole-plate or swivel parts, i.e. Ellefsen-type   |
| 5/126       | • • {Structure of the core}  | 9/04        | • Non-self-releasing long strap bindings   |
| 5/128       | • • {A part for the binding being integrated within the board structure, e.g. plate, rail, insert}   | 9/06        | • Non-self-releasing heel-engaging cable bindings fastened to the front end of the ski   |
| 5/16        | • Devices enabling skis to be used whilst held in a particular configuration with respect to each other, e.g. for training purposes  | 9/065       | • • {Details, e.g. cables, guides for cables, sockets, hooks, claws or stretchers}   |
| <b>7/00</b> | <b>Devices preventing skis from slipping back; Ski-stoppers or ski-brakes</b>  | 9/08        | • yieldable or self-releasing in the event of an accident, i.e. safety bindings  |
| 7/005       | • {Devices preventing skis from slipping back, actuated by the boot}   | 9/0802      | • • {other than mechanically controlled, e.g. electric, electronic, hydraulic, pneumatic, magnetic, pyrotechnic devices; Remote control ( <a href="#">A63C 9/0885</a> takes precedence)} |
| 7/02        | • Skins; Substitutes for skins   | 9/0805      | • • {Adjustment of the toe or heel holders; Indicators therefor ( <a href="#">adjusting toe-clamps A63C 9/22</a> )}  |
|             |  | 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   |

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| 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 ( <a href="#">A63C 10/06 takes precedence</a> )  |
| 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}  | <b>11/00</b> | <b>Accessories for skiing or snowboarding (fittings on vehicles for carrying skis <a href="#">B60R 9/12</a>)</b>   |
| 9/08514      | . . . . {pivoting about a transversal 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 ( <a href="#">A63C 11/225 takes precedence</a> ; means for indicating the location of accidentally snow-buried persons <a href="#">A63B 29/021</a> )} |
| 9/08535      | . . . {with a mobile body or base or single jaw}   | 11/004       | . {Anti-theft devices for skis or ski equipment ( <a href="#">A63C 11/003 takes precedence</a> )}  |
| 9/08542      | . . . . {pivoting about a transversal 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 ( <a href="#">A63C 11/023 takes precedence</a> )}   |
| 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 ( <a href="#">ski waxes C09G 3/00</a> )   |
| 9/20         | . Non-self-releasing bindings with special sole edge holders instead of toe-straps   | 11/10        | . Apparatus for towing skis {(ski-lifts <a href="#">B61B 11/00</a> )}  |
| 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 ( <a href="#">tighteners for self-releasing ski bindings A63C 9/08</a> )                             | 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 ( <a href="#">A63C 9/00 takes precedence</a> )   |
| <b>10/00</b> | <b>Snowboard bindings</b>  | 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}                               |              |  |
| 10/06        | . . . Straps therefor, e.g. adjustable straps  |              |  |
| 10/08        | . . Toe or heel stirrups; Clamps   |              |  |
| 10/10        | . . using parts which are fixed on the shoe, e.g. means to facilitate step-in  |              |  |
| 10/103       | . . . {on the sides of the shoe}   |              |  |
| 10/106       | . . . {to the front and back of the shoe}  |              |  |
| 10/12        | . Yieldable or self-releasing in the event of an accident, i.e. safety bindings  |              |  |
| 10/14        | . Interfaces, e.g. in the shape of a plate   |              |  |

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| 11/222   | . . {Ski-stick handles or hand-straps}   | 17/0033   | . {with a castor wheel, i.e. a swiveling follow-up wheel}  |
| <b>WARNING</b>   |  | 17/004    | . {with auxiliary wheels not contacting the riding surface during steady riding}   |
| Group <a href="#">A63C 11/222</a> is impacted by reclassification into groups <a href="#">A63C 11/2224</a> and <a href="#">A63C 11/2228</a> .                  |  | 17/0046   | . {with shock absorption or suspension system}   |
| Groups <a href="#">A63C 11/222</a> , <a href="#">A63C 11/2224</a> and <a href="#">A63C 11/2228</a> should be considered in order to perform a complete search. |  | 2017/0053 | . {with foot plate quick release or shoe binding}  |
| 11/2224  | . . . {Connection systems for hand-straps}   | 17/006    | . {with wheels of different size or type}  |
| <b>WARNING</b>   |  | 17/0066   | . {with inclined wheel, i.e. not perpendicular to the surface it rolls on}   |
| Group <a href="#">A63C 11/2224</a> is incomplete pending reclassification of documents from group <a href="#">A63C 11/222</a> .                                |  | 17/0073   | . {with offset wheel, i.e. wheel contact point to surface offset from other associated wheel}  |
| Groups <a href="#">A63C 11/222</a> and <a href="#">A63C 11/2224</a> should be considered in order to perform a complete search.                                |  | 17/008    | . {with retractable wheel, i.e. movable relative to the chassis out of contact from surface}   |
| 11/2228  | . . . {Details of hand-straps}   | 17/0086   | . {Roller skates adjustable in length to fit the size of the foot}   |
| <b>WARNING</b>   |  | 17/0093   | . {Mechanisms transforming leaning into steering through an inclined geometrical axis, e.g. truck ( <a href="#">A63C 17/011</a> takes precedence)}               |
| Group <a href="#">A63C 11/2228</a> is incomplete pending reclassification of documents from group <a href="#">A63C 11/222</a> .                                |  | 17/01     | . Skateboards ( <a href="#">A63C 17/02</a> - <a href="#">A63C 17/28</a> take precedence; {rolling devices on skis <a href="#">A63C 5/035</a> })                  |
| Groups <a href="#">A63C 11/222</a> and <a href="#">A63C 11/2228</a> should be considered in order to perform a complete search.                                |  | 17/011    | . . {with steering mechanisms}   |
| 11/224   | . . . {associated with timing devices}   | 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} |
| 11/225   | . . {with signalling devices, e.g. acoustical or visual (means for indicating the location of accidentally snow-buried persons <a href="#">A63B 29/021</a> )}                              | 17/013    | . . . {with parallelograms, follow up wheels or direct steering action}  |
| 11/227   | . . {Details; Structure}   | 17/014    | . . {Wheel arrangements}   |
| 11/228   | . . {Accessories}  | 17/015    | . . . {with wheels arranged in two pairs}  |
| 11/24  | . . Rings for ski-sticks   | 17/016    | . . . {with wheels arranged in one track}  |
| 11/26  | . Devices for use in mounting ski-bindings to skis, e.g. jigs; {Testing or measuring devices specially adapted therefor}   | 17/017    | . . {Production or mounting thereof}   |
| 11/265   | . . {Devices for testing or measuring the release force of safety ski bindings}  | 17/018    | . . {Ice skateboards}  |
|  |  | 17/02     | . with wheels arranged in two pairs {( <a href="#">A63C 17/01</a> takes precedence)}   |
|  |  | 17/04     | . with wheels arranged otherwise than in two pairs {( <a href="#">A63C 17/01</a> takes precedence)}  |
|  |  | 17/045    | . . {Roller skis}  |
|  |  | 17/06     | . . single-track type  |
|  |  | 17/061    | . . . {with relative movement of sub-parts on the chassis}   |
|  |  | 17/062    | . . . . {with a pivotal frame or cradle around transversal axis for relative movements of the wheels}  |
|  |  | 17/064    | . . . . {comprising steered wheels, i.e. wheels supported on a vertical axis}  |
|  |  | 17/065    | . . . {with movements during use of the foot plate or shoe relative to the chassis, e.g. inline clap skate}  |
|  |  | 17/067    | . . . {with adjustable position of the foot plate or shoe relative to the chassis}   |
|  |  | 17/068    | . . . {Production or mounting thereof}   |
|  |  | 17/08     | . . . single-wheel type {with single axis}   |
|  |  | 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}  |
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| <b>13/00</b>   | <b>Snow shoes</b>  |           |  |
| 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 thereof, e.g. plate, movable relative to the frame}  |           |  |
| 13/008   | . {Adjustable heel support therefor, e.g. climbing wedge}  |           |  |
| 13/02  | . Snow shoe rings  |           |  |
| <b>17/00</b>   | <b>Roller skates; Skate-boards</b>   |           |  |
| 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 ( <a href="#">uni axle walk-type tractors B62D 51/06</a> )} |           |  |
| 17/002   | . . {Covers; Guards}   |           |  |
| 17/0026  | . {Roller skates used otherwise than standing or sitting on them, e.g. body skates}  |           |  |

- 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
- 19/00 Design or layout of playing courts, rinks, bowling greens or areas for water-skiing; Covers therefor** ([{golf courses A63B 69/3691}](#); [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 markings, e.g. tapes; Methods therefor}
- 2019/067 . . . {Machines for marking}
- 19/08 . . 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 ([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 F25C 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
- 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
- 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