

## SECTION A — HUMAN NECESSITIES

### A63 SPORTS; GAMES; AMUSEMENTS

**A63C SKATES; SKIS; ROLLER SKATES; DESIGN OR LAYOUT OF COURTS, RINKS OR THE LIKE** (water skis B63B 35/81) [5]

#### Subclass index

##### SKATES

Ice skates.....1/00, 3/00

Roller skates.....17/00

##### SKIS, SNOW SHOES

Snow skis.....5/00-11/00

Snow shoes.....13/00

##### PLAYING-COURTS, RINKS, BOWLING GREENS OR AREAS FOR WATER-SKIING, COVERS

THEREFOR.....19/00

#### 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
  - 1/32 • • 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

- 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)
- 5/02 • collapsible; divided
  - 5/025 • Short skis [4]
  - 5/03 • Mono skis; Snowboards [4]
  - 5/035 • with ground engaging rolls or belts [4]
  - 5/04 • Structure of the surface thereof [4]
  - 5/044 • • of the running sole [4]
  - 5/048 • • of the edges [4]
  - 5/052 • • of the tips or rear ends [4]
  - 5/056 • • Materials for the running sole [4]
  - 5/06 • with special devices thereon, e.g. steering devices
  - 5/065 • • Anti-crossing devices [4]
  - 5/07 • • comprising means for adjusting stiffness
  - 5/075 • • Vibration-dampers [4]
  - 5/08 • motor-driven (A63C 5/035 takes precedence) [4]
  - 5/11 • combined with sails or the like [4]
  - 5/12 • Making thereof; Selection of particular materials (materials for the running sole A63C 5/056) [4]
  - 5/14 • • using synthetic materials; having a plurality of bonded layers [4]
  - 5/16 • Devices enabling skis to be used whilst held in a particular configuration with respect to each other, e.g. for training purposes [4]
- 7/00 Devices preventing skis from slipping back; Ski-stoppers or ski-brakes [4]**
- 7/02 • Skins; Substitutes for skins
  - 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
- 7/12 • Ski crampons preventing lateral slipping
- 9/00 Ski bindings [1, 2012.01]**
- 9/02 • Non-self-releasing bindings with swivel sole-plate or swivel parts, i.e. Ellefsen-type [1, 2012.01]
- 9/04 • Non-self-releasing long strap bindings [1, 2012.01]
- 9/06 • Non-self-releasing heel-engaging cable bindings fastened to the front end of the ski [1, 2012.01]
- 9/08 • yieldable or self-releasing in the event of an accident, i.e. safety bindings [1, 2012.01]
- 9/081 • • with swivel sole-plate [1, 2012.01]
- 9/082 • • with swivel heel-plate [1, 2012.01]
- 9/083 • • with loosenable cable strap [1, 2012.01]
- 9/084 • • with heel hold-downs, e.g. swingable [1, 2012.01]
- 9/085 • • with sole hold-downs, e.g. swingable [1, 2012.01]
- 9/086 • • using parts which are fixed on the shoe of the user and are releasable from the ski binding [1, 2012.01]
- 9/088 • • with electronically controlled locking devices [4, 2012.01]
- 9/10 • Non-self-releasing toe jaw-irons; Non-self-releasing binding hooks made of one piece [1, 2012.01]
- 9/12 • Non-self-releasing elastic heel-straps [1, 2012.01]
- 9/14 • Non-self-releasing bindings without heel-straps, but with both guiding cheeks and toe-straps [1, 2012.01]
- 9/16 • Non-self-releasing bindings without straps, but with guiding cheeks [1, 2012.01]
- 9/18 • Non-self-releasing bindings without heel-straps, but with a clamping device arranged at the front end of, or behind, the binding [1, 2012.01]
- 9/20 • Non-self-releasing bindings with special sole edge holders instead of toe-straps [1, 2012.01]
- 9/22 • Arrangements for adjusting the toe-clamps [1, 2012.01]
- 9/24 • Tighteners for ski bindings (tighteners for self-releasing ski bindings A63C 9/08) [1, 2012.01]
- 10/00 Snowboard bindings [2012.01]**
- 10/02 • characterised by details of the shoe holders [2012.01]
- 10/04 • • Shoe holders for passing over the shoe [2012.01]
- 10/06 • • • Straps therefor, e.g. adjustable straps [2012.01]
- 10/08 • • Toe or heel stirrups; Clamps [2012.01]
- 10/10 • • using parts which are fixed on the shoe, e.g. means to facilitate step-in [2012.01]
- 10/12 • Yieldable or self-releasing in the event of an accident, i.e. safety bindings [2012.01]
- 10/14 • Interfaces, e.g. in the shape of a plate [2012.01]
- 10/16 • Systems for adjusting the direction or position of the bindings [2012.01]
- 10/18 • • about a vertical rotation axis relative to the board [2012.01]
- 10/20 • • in longitudinal or lateral direction relative to the board [2012.01]
- 10/22 • • to fit the size of the shoe (A63C 10/06 takes precedence) [2012.01]
- 10/24 • Calf or heel supports, e.g. adjustable high back or heel loops [2012.01]
- 10/26 • Shock or vibration dampers [2012.01]
- 10/28 • characterised by auxiliary devices or arrangements on the bindings [2012.01]
- 11/00 Accessories for skiing or snowboarding** (fittings on vehicles for carrying skis B60R 9/12)
- 11/02 • Devices for stretching, clamping or pressing skis or snowboards for transportation or storage [4]
- 11/04 • for treating skis or snowboards
- 11/06 • • Edge-sharpeners
- 11/08 • • Apparatus for waxing or dewaxing
- 11/10 • Apparatus for towing (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 skis 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 • Ski-sticks
- 11/24 • • Rings for ski-sticks
- 11/26 • Devices for use in mounting bindings, e.g. jigs [4]

---

- 13/00 Snow shoes**
- 13/02 • Snow shoe rings
- 17/00 Roller skates; Skate-boards [4]**
- 17/01 • Skate-boards (A63C 17/02-A63C 17/28 take precedence) [4]
- 17/02 • with wheels arranged in two pairs
- 17/04 • with wheels arranged otherwise than in two pairs
- 17/06 • • single-track type
- 17/08 • • • single-wheel type
- 17/10 • with endless tracks
- 17/12 • with driving mechanisms
- 17/14 • with brakes, e.g. toe stoppers, freewheel roller clutches
- 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
- 17/24 • • with ball-shaped or spherical running surfaces
- 17/26 • with special auxiliary arrangements, e.g. illuminating, marking, or push-off devices
- 17/28 • with arrangements for sitting
- 19/00 Design or layout of playing courts, rinks, bowling greens or areas for water-skiing; Covers therefor [4]**
- 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
- 19/08 • • Mechanical means for marking-out
- 19/10 • Ice-skating or roller-skating rinks; Slopes or trails for skiing, ski-jumping or tobogganing [4]
- 19/12 • Removable protective covers for courts, rinks or games pitches or the like [4]