

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) [5]

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: Accessories for skiing

5/00 Skis; Ski vehicles (sledges with runners, e.g. ski-bobs, B62B 13/00)

5/02 . collapsible; divided

5/025 . Short skis [4]

5/03 . Mono-skis [4]

5/035 . Skis with ground engaging rolls or belts [4]

5/04 . Structure of the ski surface [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 . Special devices on parts of the skis, e.g. steering devices

5/065 . . Anti-crossing devices [4]

5/07 . . Means for adjusting stiffness of skis

5/075 . . Vibration-dampers (vibration dampers per se F16F 7/00) [4]

5/08 . Motor-driven skis (A63C 5/035 takes precedence) [4]

5/11 . Skis combined with sails or the like [4]

5/12 . Making of skis; 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 . Clamp-irons preventing lateral slipping

9/00 Ski bindings

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

9/08 . yieldable or self-releasing in the event of an accident, i.e. safety bindings

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

9/085 . . with sole hold-downs, e.g. swingable

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 [4]

9/10	• Non-self-releasing toe jaw-irons; Non-self-releasing binding hooks made of one piece	17/00	Roller skates; Skate-boards [4]
9/12	• Non-self-releasing elastic heel-straps	17/01	• Skate-boards (A63C 17/02 A63C 17/28 take precedence) [4]
9/14	• Non-self-releasing bindings without heel-straps, but with both guiding cheeks and toe-straps	17/02	• with wheels arranged in two pairs
9/16	• Non-self-releasing bindings without straps, but with guiding cheeks	17/04	• with wheels arranged otherwise than in two pairs
9/18	• Non-self-releasing bindings without heel-straps, but with a clamping device arranged at the front end of, or behind, the binding	17/06	• . single-track type
9/20	• Non-self-releasing bindings with special sole edge holders instead of toe-straps	17/08	• . . single-wheel type
9/22	• Arrangements for adjusting the toe-clamps	17/10	• with endless tracks
9/24	• Tighteners for ski bindings (tighteners for self-releasing ski bindings A63C 9/08)	17/12	• with driving mechanisms
11/00	Accessories for skis (fittings on vehicles for carrying skis B60R 9/12)	17/14	• with brakes, e.g. toe stoppers, freewheel roller clutches
11/02	• Devices for stretching, clamping or pressing skis for transportation or storage [4]	17/16	• for use on specially shaped or arranged runways
11/04	• for treating skis	17/18	• convertible into ice or snow-running skates
11/06	• . Edge-sharpeners	17/20	• with fixable wheels permitting the skates to be used for walking
11/08	• . Apparatus for waxing or dewaxing (ski waxes C09G 3/00)	17/22	• Wheels for roller skates
11/10	• Apparatus for towing skis	17/24	• . with ball-shaped or spherical running surfaces
11/12	• Apparatus for hooking the heel part of the boot to the ski	17/26	• with special auxiliary arrangements, e.g. illuminating, marking, or push-off devices
11/14	• Apparatus for repairing damaged skis	17/28	• with arrangements for sitting
11/16	• Special devices on boots for fastening skis thereto (A63C 9/00 takes precedence)	19/00	Design or layout of playing courts, rinks, bowling greens or areas for water-skiing; Covers therefor (water roundabouts A63G 3/00; construction of surfaces or 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) [4]
11/18	• Devices for removing snow from skis, ski-bindings or ski-boots	19/02	• Shaping of the surface of courts according to the necessities of the different games
11/20	• Snow-protectors on skis	19/04	• Mats or carpets for courts
11/22	• Ski-sticks	19/06	• Apparatus for setting-out or dividing courts
11/24	• . Rings for ski-sticks	19/08	• . Mechanical means for marking-out
11/26	• Devices for use in mounting ski-bindings to skis, e.g. jigs [4]	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) [4]
13/00	Snow shoes	19/12	• Removable protective covers for courts, rinks or games pitches or the like [4]
13/02	• Snow shoe rings		