

SECTION A — HUMAN NECESSITIES

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]

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

3/14 • Keys for skates

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

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	11/18	• Devices for removing snow from skis, ski-bindings or ski-boots
7/10	• Hinged stoppage blades attachable to the skis in such manner that these blades can be moved out of the operative position	11/20	• Snow-protectors on skis
7/12	• Clamp-irons preventing lateral slipping	11/22	• Ski-sticks
		11/24	• • Rings for ski-sticks
		11/26	• Devices for use in mounting ski-bindings to skis, e.g. jigs [4]
9/00	Ski bindings		
9/02	• Non-self-releasing bindings with swivel sole-plate or swivel parts, i.e. Ellefsen-type	13/00	Snow shoes
9/04	• Non-self-releasing long strap bindings	13/02	• Snow shoe rings
9/06	• Non-self-releasing heel-engaging cable bindings fastened to the front end of the ski	17/00	Roller skates; Skate-boards [4]
9/08	• yieldable or self-releasing in the event of an accident, i.e. safety bindings	17/01	• Skate-boards (A63C 17/02-A63C 17/28 take precedence) [4]
9/081	• • with swivel sole-plate	17/02	• with wheels arranged in two pairs
9/082	• • with swivel heel-plate	17/04	• with wheels arranged otherwise than in two pairs
9/083	• • with loosenable cable strap	17/06	• • single-track type
9/084	• • with heel hold-downs, e.g. swingable	17/08	• • • single-wheel type
9/085	• • with sole hold-downs, e.g. swingable	17/10	• with endless tracks
9/086	• • using parts which are fixed on the shoe of the user and are releasable from the ski binding	17/12	• with driving mechanisms
9/088	• • with electronically controlled locking devices [4]	17/14	• with brakes, e.g. toe stoppers, freewheel roller clutches
9/10	• Non-self-releasing toe jaw-irons; Non-self-releasing binding hooks made of one piece	17/16	• for use on specially shaped or arranged runways
9/12	• Non-self-releasing elastic heel-straps	17/18	• convertible into ice or snow-running skates
9/14	• Non-self-releasing bindings without heel-straps, but with both guiding cheeks and toe-straps	17/20	• with fixable wheels permitting the skates to be used for walking
9/16	• Non-self-releasing bindings without straps, but with guiding cheeks	17/22	• Wheels for roller skates
9/18	• Non-self-releasing bindings without heel-straps, but with a clamping device arranged at the front end of, or behind, the binding	17/24	• • with ball-shaped or spherical running surfaces
9/20	• Non-self-releasing bindings with special sole edge holders instead of toe-straps	17/26	• with special auxiliary arrangements, e.g. illuminating, marking, or push-off devices
9/22	• Arrangements for adjusting the toe-clamps	17/28	• with arrangements for sitting
9/24	• Tighteners for ski bindings (tighteners for self-releasing ski bindings A63C 9/08)	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]
11/00	Accessories for skis (fittings on vehicles for carrying skis B60R 9/12)	19/02	• Shaping of the surface of courts according to the necessities of the different games
11/02	• Devices for stretching, clamping or pressing skis for transportation or storage [4]	19/04	• Mats or carpets for courts
11/04	• for treating skis	19/06	• Apparatus for setting-out or dividing courts
11/06	• • Edge-sharpeners	19/08	• • Mechanical means for marking-out
11/08	• • Apparatus for waxing or dewaxing (ski waxes C09G 3/00)	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]
11/10	• Apparatus for towing skis	19/12	• Removable protective covers for courts, rinks or games pitches or the like [4]
11/12	• Apparatus for hooking the heel part of the boot to the ski		
11/14	• Apparatus for repairing damaged skis		
11/16	• Special devices on boots for fastening skis thereto (A63C 9/00 takes precedence)		