

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	10/28	• characterised by auxiliary devices or arrangements on the bindings [2012.01]
7/12	• Ski crampons preventing lateral slipping		
9/00	Ski bindings [1, 2012.01]	11/00	Accessories for skiing or snowboarding (fittings on vehicles for carrying skis B60R 9/12)
9/02	• Non-self-releasing bindings with swivel sole-plate or swivel parts, i.e. Ellefsen-type [1, 2012.01]	11/02	• Devices for stretching, clamping or pressing skis or snowboards for transportation or storage [4]
9/04	• Non-self-releasing long strap bindings [1, 2012.01]	11/04	• for treating skis or snowboards
9/06	• Non-self-releasing heel-engaging cable bindings fastened to the front end of the ski [1, 2012.01]	11/06	• • Edge-sharpeners
9/08	• yieldable or self-releasing in the event of an accident, i.e. safety bindings [1, 2012.01]	11/08	• • Apparatus for waxing or dewaxing
9/081	• • with swivel sole-plate [1, 2012.01]	11/10	• Apparatus for towing (ski-lifts B61B 11/00)
9/082	• • with swivel heel-plate [1, 2012.01]	11/12	• Apparatus for hooking the heel part of the boot to the ski
9/083	• • with loosenable cable strap [1, 2012.01]	11/14	• Apparatus for repairing damaged skis or snowboards
9/084	• • with heel hold-downs, e.g. swingable [1, 2012.01]	11/16	• Special devices on boots for fastening skis thereto (A63C 9/00 takes precedence)
9/085	• • with sole hold-downs, e.g. swingable [1, 2012.01]	11/18	• Devices for removing snow from skis, snowboards, boots or bindings
9/086	• • using parts which are fixed on the shoe of the user and are releasable from the ski binding [1, 2012.01]	11/20	• Snow protectors on skis or snowboards
9/088	• • with electronically controlled locking devices [4, 2012.01]	11/22	• Ski-sticks
9/10	• Non-self-releasing toe jaw-irons; Non-self-releasing binding hooks made of one piece [1, 2012.01]	11/24	• • Rings for ski-sticks
9/12	• Non-self-releasing elastic heel-straps [1, 2012.01]	11/26	• Devices for use in mounting bindings, e.g. jigs [4]
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]	13/00	Snow shoes
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]	13/02	• Snow shoe rings
9/20	• Non-self-releasing bindings with special sole edge holders instead of toe-straps [1, 2012.01]	17/00	Roller skates; Skate-boards [4]
9/22	• Arrangements for adjusting the toe-clamps [1, 2012.01]	17/01	• Skate-boards (A63C 17/02-A63C 17/28 take precedence) [4]
9/24	• Tighteners for ski bindings (tighteners for self-releasing ski bindings A63C 9/08) [1, 2012.01]	17/02	• with wheels arranged in two pairs
10/00	Snowboard bindings [2012.01]	17/04	• with wheels arranged otherwise than in two pairs
10/02	• characterised by details of the shoe holders [2012.01]	17/06	• • single-track type
10/04	• • Shoe holders for passing over the shoe [2012.01]	17/08	• • • single-wheel type
10/06	• • • Straps therefor, e.g. adjustable straps [2012.01]	17/10	• with endless tracks
10/08	• • Toe or heel stirrups; Clamps [2012.01]	17/12	• with driving mechanisms
10/10	• • using parts which are fixed on the shoe, e.g. means to facilitate step-in [2012.01]	17/14	• with brakes, e.g. toe stoppers, freewheel roller clutches
10/12	• Yieldable or self-releasing in the event of an accident, i.e. safety bindings [2012.01]	17/16	• for use on specially shaped or arranged runways
10/14	• Interfaces, e.g. in the shape of a plate [2012.01]	17/18	• convertible into ice or snow-running skates
10/16	• Systems for adjusting the direction or position of the bindings [2012.01]	17/20	• with fixable wheels permitting the skates to be used for walking
10/18	• • about a vertical rotation axis relative to the board [2012.01]	17/22	• Wheels for roller skates
10/20	• • in longitudinal or lateral direction relative to the board [2012.01]	17/24	• • with ball-shaped or spherical running surfaces
10/22	• • to fit the size of the shoe (A63C 10/06 takes precedence) [2012.01]	17/26	• with special auxiliary arrangements, e.g. illuminating, marking, or push-off devices
10/24	• Calf or heel supports, e.g. adjustable high back or heel loops [2012.01]	17/28	• with arrangements for sitting
10/26	• Shock or vibration dampers [2012.01]	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]