A43B 21/10 - A43B 21/16 covered by A43B 21/06
A43B 21/34 covered by A43B 21/24

2. 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.

Characteristic features of footwear

1/00 Footwear characterised by the material (layered products B32B)
1/0009 . [Footwear made at least partially of alveolar or honeycomb material]
1/0018 . [Footwear made at least partially of flexible, bellow-like shaped material]
1/0027 . [Footwear made at least partially from a material having special colours]
1/0036 . [with fluorescent or phosphorescent parts]
1/0045 . [Footwear made at least partially of deodorant means]
1/0054 . [Footwear provided with magnets, magnetic parts or magnetic substances]
1/0063 . [Footwear made at least partially of material that can be recycled]
1/0072 . [Footwear made at least partially of transparent or translucent materials]
1/0081 . [Footwear made at least partially of hook-and-loop type material (hook and loop-type straps for fastening purpose A43C 11/1493)]
1/009 . [Footwear made at least partially of washable material]
1/02 . Footwear made of animal or plant fibres or fabrics made therefrom
1/04 . . Braided, knotted, knitted, or crocheted footwear
1/06 . Footwear made of wood, cork, card-board, paper or like fibrous material (soles A43B 13/00; making of wooden shoes B27M 3/20)
1/08 . Footwear made of metal (soles A43B 13/10)
1/10 . Footwear made of rubber
1/12 . . of rubber waste
1/14 . Footwear made of gutta-percha, celluloid, or plastics

3/001 . [Footwear provided with light source]
3/0015 . [Footwear provided with generator]
3/0021 . [Footwear provided with sound or music source]
3/0026 . [Footwear for use in minefields; Footwear protecting from landmine blast; Footwear preventing landmines from being triggered]
3/0031 . [Footwear provided with a pocket, e.g. for keys or a card]
3/0036 . [Footwear characterised by a special shape or design]
3/0042 . . [with circular or circle shaped parts]
3/0047 . . [Footwear parts having a male and corresponding female profile to fit together, e.g. form-fit]
3/0052 . . [X-shaped or cross-shaped]
3/0057 . . [S-shaped]
3/0063 . . [U-shaped]
3/0068 . . [V-shaped]
3/0073 . . [Y-shaped]
3/0078 . . [Footwear provided with logos, letters, signatures or the like decoration (A43B 23/24 takes precedence)]
3/0084 . . . [Arrangement of flocked decoration on shoes]
3/0089 . . . [with means to identify the size of the shoe]
3/0094 . . . [with means to differentiate between right and left shoe]
3/02 . . Top-boots; Leg-boots; Shoes with batswing tabs
3/04 . . with rubber or elastic insertions or gussets
3/06 . . Shoes with flaps; Footwear with divided uppers
3/08 . . with rubber or elastic insertions or gussets
3/10 . . Low shoes; Slippers (sandals A43B 3/12)
3/101 . . [Slippers]
3/102 . . . [Slippers leaving the heel of the foot bare (A43B 3/106 takes precedence; slippers with an anklestrap. sling type shoes A43B 3/12)]
3/103 . . . . [characterised by the attachment of the toestrap]
3/105 . . . . [characterised by the shape or layout of the toestrap]
3/106 . . . [Disposable slippers; One piece slippers]
3/107 . . . [characterised by the material]
3/108 . . . [characterised by the sole]
3/12 . . Sandals [provided with an anklestrap]; Strap guides thereon ([footwear having only a toestrap, thong sandals A43B 3/10)]
3/122 . . . [characterised by the attachment of the straps]
Characteristic features of footwear

5/00 Footwear for sporting purposes (non-ski devices, e.g. ice-spurs, studs for football shoes, A43C 15/00)

5/001 . . . [Golf shoes]
5/002 . . . [Mountain boots or shoes]
5/003 . . . [for free climbing]
5/004 . . . [After-ski boots]
5/005 . . . [for grinding, i.e. sliding on the sole or a part thereof]
5/006 . . . [for horse riding (stirrups B68C 3/00)]
5/007 . . . [Footwear for car driving or racing]
5/008 . . . [Bowling Shoes]
5/002 . . . Football boots or shoes, i.e. footwear for soccer, football or rugby
5/025 . . . [characterised by an element which improves the contact between the ball and the footwear]
5/04 . . . Ski boots; Similar boots
5/0401 . . . [Snowboard boots]
5/0403 . . . [Adaptations for soles or accessories with soles for snowboard bindings]
5/0405 . . . [Linings, paddings, insertions; Inner boots (in general A43B 19/00)]
5/0407 . . . [inflatable]
5/0409 . . . [with means for attaching inner boots or parts thereof to shells of skiboots]
5/0411 . . . [for cross-country]
5/0413 . . . [Adaptations for soles or accessories associated with soles for cross-country bindings]
5/0415 . . . [Accessories (A43B 5/0403, A43B 5/0413, A43B 5/0494 take precedence)]
5/0417 . . . [for soles or associated with soles of ski boots; for ski bindings (A43B 5/0411 take precedence)]
5/0419 . . . [for walking aids]
5/0421 . . . [located underneath the sole]
5/0423 . . . [located on the sides of the sole]
5/0425 . . . [Devices for carrying ski-boots or similar boots]
5/0427 . . . [characterised by type or construction details]
5/0429 . . . [Adjustment of the boot to calf or shin, i.e. fibula, tibia]
5/0431 . . . [to the length of calf or shin, i.e. fibula, tibia]
5/0433 . . . [to the width of calf or shin, i.e. fibula, tibia]
5/0435 . . . [Adjustment of the boot to the foot]
5/0437 . . . [to the arch of the foot (A43B 5/0441 take precedence)]
5/0439 . . . [to the heel; Heel clamping devices; Heel supports]
5/0441 . . . [by lifting the insole]
5/0443 . . . [to the instep of the foot, e.g. metatarsals; Metatarsal clamping devices]
5/0445 . . . [directly actuated by non flexible means, e.g. screws, levers]
5/0447 . . . [actuated by flexible means, e.g. cables, straps]
5/0449 . . . with the actuator being disposed at the rear side of the foot
5/045 . . . [to the width of the foot]
5/0452 . . . [Adjustment of the forward inclination of the boot leg]
5/0454 . . . [including flex control; Dampening means]
5/0456 . . . [with the actuator being disposed at the rear side of the boot (A43B 5/0464 take precedence)]
5/0458 . . . [with the actuator being disposed at the front side of the boot (A43B 5/0464 take precedence)]
5/046 . . . [with the actuator being disposed at the lateral or medial side of the boot (A43B 5/0464 takes precedence)]
5/0462 . . . [with the actuator being disposed at the lower side of the boot (A43B 5/0464 takes precedence)]
5/0464 . . . [with exchangeable parts]
5/0466 . . . [Adjustment of the side inclination of the boot leg; Canting]
5/0468 . . . [Adjustment of the angle of the boot to the ski]
5/047 . . . [provided with means to improve walking with the skiboot]
5/0472 . . . [having a flexible toe portion; provided with a hinge at the ball of the foot]
5/0474 . . . [having a walk/ski position (A43B 5/0472 take precedence)]
5/0476 . . . [Front-entry skiboots]
5/0478 . . . [Mid-entry skiboots, hybrid skiboots]
5/048 . . . [Rear-entry skiboots]
5/0482 . . . [made from materials with different rigidities]
5/0484 . . . [permitting easy replacement of parts]
5/0486 . . . [characterized by the material]
5/0488 . . . [with an upper made of flexible material, e.g. leather (A43B 5/0401, A43B 5/002 take precedence)]
5/049 . . . [with an upper made of composite material, e.g. fibers or core embedded in a matrix]
5/0492 . . . [Telemark boots]
Characteristic features of footwear

5/0494 . . . [Adaptations for soles or accessories associated with soles for telemark bindings]
5/0496 . . . [boots for touring or hiking skis]
5/0498 . . . [For ski jumping]
5/06 . Running boots
5/08 . Bathing shoes ; Aquatic sports shoes)
5/10 . Tennis shoes
5/12 . Dancing shoes
5/14 . Shoes for cyclists
5/145 . . . [Boots for motorcyclists]
5/16 . Skating boots
5/1608 . . . [size adjustable (skates with special foot-plates for the boot divided into two parts permitting adjustment to the size of the foot A63C 1/26)]
5/1616 . . . [Inner boots]
5/1625 . . . [made from materials with different rigidities]
5/1633 . . . [Multipurpose skate boots (roller skates convertible to ice skates A63C 17/18, with fixable wheels permitting walking A63C 17/20)]
5/1641 . . . [characterised by the sole (skates with special foot-plates for the boot A63C 1/22); characterised by the attachment of the skate (A43B 5/163 takes precedence; skates rigidly mounted to the sole of the boot A63C 1/02)]
5/165 . . . [with ventilation means in the sole]
5/1658 . . . [provided with resilient means in the sole or between the chassis and the sole]
5/1666 . . . [characterised by the upper]
5/1675 . . . [with ventilation means in the upper]
5/1683 . . . [characterised by the lower part of the upper or by the shell]
5/1691 . . . [characterised by the higher part of the upper, e.g. surrounding the ankle, by the quarter or cuff]
5/18 . Attachable overshoes for sporting purposes
5/185 . . . [with a sole covering spikes or cleats]

7/00 Footwear with health or hygienic arrangements
7/005 . . . [Footwear with cooling arrangements]
7/02 . Footwear with heating arrangements (footwarmers A61F 2007/0045; electric heating elements H05B)
7/025 . . . [heated by an electric current from an external source, e.g. car batteries]
7/04 . Footwear with electric batteries, generators, or the like
7/06 . Ventilated footwear [(ventilated skating boots A43B 5/165, A43B 5/1675; ventilated socks or inserts A43B 17/08)]
7/08 . . . Footwear with air-holes, with or without closures
7/081 . . . [the air being forced from outside]
7/082 . . . [the air being expelled to the outside]
7/084 . . . [characterised by the location of the holes]
7/085 . . . [in the upper]
7/087 . . . [in the bottom of the sole]
7/088 . . . [in the side of the sole]
7/10 . . . with closable air-slots near the waist
7/105 . . . [with pumping means or valves]
7/12 . Special watertight footwear (overshoes A43B 3/16)
7/125 . . . [provided with a vapour permeable member, e.g. a membrane (A43B 23/022 takes precedence)]
7/14 . Footwear with foot-supporting parts
7/1405 . . . [provided with pads or holes on one or more locations, or having an anatomical or curved form]
Characteristic features of footwear

Parts of footwear

13/00 Sole (wearing for foot A43B 5/1641; socks A43B 17(00); Sole and heel units

13/02 . . characterised by the material

13/03 . . [Soles with several layers of the same material (soles with several layers of different materials A43B 13/12)]

13/06 . . [Composites, e.g. carbon fibre or aramid fibre; the sole, one or more sole layers or sole part being made of a composite]

13/04 . . plastics, rubber or vulcanised fibre

13/08 . . wood

13/10 . . metal

13/12 . . Soles with several layers of different materials

13/12 . . [Characterised by the outsole or external layer]

13/15 . . [Characterised by the midsole or middle layer]

13/17 . . [The midsole being multilayer]

13/14 . . characterised by the constructive form

13/14 . . [With a part of the sole being flexible, e.g. permitting articulation or torsion]

13/13 . . [Provided with wedged, concave or convex end portions, e.g. for improving roll-off of the foot]

13/15 . . [Convex portions, e.g. with a bump or projection, e.g. 'Masai' type shoes]

13/16 . . [Concave end portions, e.g. with a cavity or cut-out portion]

13/18 . . [Wedges end portions]

13/16 . . Pieced soles (with several layers of different materials A43B 13/12)

13/18 . . Resilient soles (skating boots characterised by the sole A43B 5/1641; socks A43B 17/00)

13/18 . . [Resiliency achieved by the structure of the sole]

13/17 . . [Helicoidal springs]

13/18 . . [Leaf springs]

13/19 . . [The structure protruding from the outsole]

13/19 . . [Elasticated plates sandwiched between two interlocking components, e.g. thrustors]

13/19 . . [Differential cushioning region, e.g. cushioning located under the ball of the foot (resilient heel not included in the sole A43B 21/26; resilient supports for the heel of the foot A43B 21/32)]

13/18 . . [Resiliency achieved by the features of the material, e.g. foam, non liquid materials]

13/18 . . [Differential cushioning regions]

13/189 . . [Filled with a non-compressible fluid, e.g. gel, water]

13/20 . . Pneumatic soles [filled with a compressible fluid, e.g. air, gas (inflatable linings for skiboots A43B 5/0407)]

13/203 . . [Provided with a pump or valve]

13/206 . . [Provided with tubes or pipes or tubular shaped cushioning members]

13/22 . . Soles made slip-preventing or wear-resisting, e.g. by impregnation or spreading a wear-resisting layer

13/223 . . [Profiled soles]

13/226 . . [The profile being made in the foot facing surface]

13/24 . . by use of insertions

13/26 . . projecting beyond the sole surface

13/28 . . characterised by their attachment, also attachment of combined soles and heels (attachment of heels A43B 21/36; attachment of heel parts A43B 21/42)

13/30 . . by screws

13/32 . . by adhesives

13/34 . . Soles also attached to the inner side of the heels

13/36 . . Easily-exchangeable soles (of metal A43B 13/10; protecting-soles A43C 13/12)

13/37 . . Sole and heel units

13/38 . . Built-in soles joined to uppers during the manufacturing process, e.g. structural insoles; Insoles glued to shoes during the manufacturing process

13/383 . . [Pieced]

13/386 . . [Multiplied]

13/39 . . with upset sewing ribs

13/40 . . with cushions

13/41 . . combined with heel stiffener, toe stiffener, or shank stiffener

13/42 . . Filling materials located between the insole and outer sole; Stiffening materials

15/00 Welts for footwear

17/00 Insoles for insertion, e.g. footbeds or inlays, for attachment to the shoe after the upper has been joined (special medical insertions for shoes A61F 5/14)

17/003 . . [Characterised by the material (made of wood A43B 17/12; made of sponge, rubber or plastic materials A43B 17/14)]

17/006 . . [Multiplied]

17/02 . . wedge-like or resilient

17/023 . . [Wedge-like (A43B 17/03 takes precedence)]

17/026 . . [Filled with a non-compressible fluid, e.g. gel, water]

17/03 . . filled with a gas, e.g. air

17/035 . . [Provided with a pump or valve]

17/04 . . with metal insertions or coverings

17/06 . . with metal springs

17/08 . . ventilated

17/10 . . specially adapted for sweaty feet; waterproof

17/102 . . [Moisture absorbing socks; Moisture dissipating socks]

17/105 . . [Disposable]

17/107 . . [Waterproof]

17/12 . . made of wood
Parts of footwear

23/00 Uppers; Boot legs; Stiffeners; Other single parts of footwear

23/02 . . . . Uppers; Boot legs [ (ski boots with an upper made of flexible material A43B 5/0486; skating boots characterised by the uppers A43B 5/1666) ]

23/0205 . . . [ characterised by the material of the lining A43B 23/07, material of toe stiffeners or heel stiffeners A43B 23/08 ]

23/021 . . . [ Leather ]

23/020 [ Plastics or artificial leather ]

23/022 . . . . [ with waterproof breathable membranes ]

23/0225 . . . . [ Composite materials, e.g. material with a matrix ]

23/023 . . . . [ Metal ]

23/0235 . . . . [ Different layers of different material ]

23/024 . . . . [ Different layers of the same material ]

23/0245 . . . . [ characterised by the constructive form ]

23/025 . . . . [ assembled by stitching ]

23/0255 . . . . [ assembled by gluing or thermo bonding ]

23/026 . . . . [ Laminated layers ]

23/0265 . . . . [ having different properties in different directions ]

23/027 . . . . . [ with a part of the upper particularly flexible, e.g. permitting articulation or torsion ]

23/0275 . . . . . [ with a part of the upper particularly rigid, e.g. resisting articulation or torsion ]

23/028 . . . . [ Resilient uppers, e.g. shock absorbing ]

23/0285 . . . . [ filled with a non-compressible fluid, e.g. gel or water ]

23/029 . . . . . [ Pneumatic upper, e.g. gas filled ]

23/0295 . . . . . [ Pieced uppers ]

23/04 . . . . Uppers made of one piece; Uppers with inserted gussets

23/042 . . . . . [ Uppers made of one piece ( one piece slippers A43B 3/106; one piece sandals A43B 3/124 ) ]

23/045 . . . . . [ Uppers with inserted gussets ]

23/047 . . . . . [ the uset being elastic ]

23/048 . . . . . [ waterproof legs ]

23/049 . . . . . [ Different layers of the same material ]

23/05 . . . . [ Linings therefor ( for ski boots or similar boots A43B 5/0405, lining laminated with upper A43B 23/026 ) ]

23/08 . . . . Heel stiffeners; Toe stiffeners ( footwear with shock-absorbing means A43B 7/32 )

23/081 . . . . . [ Toe stiffeners ]

23/082 . . . . . [ made of metal ]

23/083 . . . . . [ light-alloys ]

23/085 . . . . . [ made of leather ]

23/086 . . . . . [ made of impregnated fabrics, plastics or the like ]

23/087 . . . . . [ made of plastics ]

23/088 . . . . . [ Heel stiffeners ( A43B 23/10, A43B 23/14, A43B 23/16, A43B 23/12 take precedence ) ]

23/10 . . . . . [ made of metal ( A43B 23/082 takes precedence ) ]

23/105 . . . . . [ light-alloys ]

23/14 . . . . . [ made of leather ( A43B 23/085 takes precedence ) ]

23/16 . . . . . [ made of impregnated fabrics, plastics or the like ( A43B 23/086 takes precedence ) ]

23/17 . . . . . . [ made of plastics ]

23/18 . . . . . . [ Nails, pegs, pins, clamps, or tacks, for footwear ]

23/23 . . . . . [ Supports for the Shank or arch of the uppers ( for health or hygienic purposes A43B 7/14 ) ]

23/222 . . . . . . [ characterised by the attachment to the sole ]

23/225 . . . . . . [ by integrated teeth ]

23/227 . . . . . . [ fixed on the outside of the shoe ]

23/24 . . . . . . [ Ornamental buckles; Other ornaments for shoes without fastening function ]

23/25 . . . . . . [ Arrangement of ribbons on footwear ]

23/26 . . . . . . [ Tongues for shoes ]

23/28 . . . . . . [ Devices to put in shoes in order to prevent slipping at the heel or to prevent abrading the stockings ]

23/30 . . . . . . [ Heel-protectors for car-drivers ]