A43B CHARACTERISTIC FEATURES OF FOOTWEAR; PARTS OF FOOTWEAR

WARNINGS
1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:
   - 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)
- 1/009 [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 [Footwear made at least partially of fluorescent or phosphorescent parts]
- 1/0045 [Footwear made at least partially of flexible, bellow-like shaped material]
- 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

3/00 Footwear characterised by the shape or the use
- 3/005 . [Footwear provided with electrical or electronic systems]
- 3/001 . . [Footwear provided with a light source]
- 3/0015 . . [Footwear provided with a 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 [with 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]
3/124 . . . {Disposable sandals; One piece sandals}
3/126 . . . {characterised by the shape or layout of the straps}
3/128 . . . {characterised by the sole}
3/14 . Moccasins, opanken, or like shoes
3/16 . Overshoes {(A43B 23/30 takes precedence)}
3/163 . {Overshoes specially adapted for health or hygienic purposes, e.g. comprising electrically conductive material allowing the discharge of electrostatic charges}
3/166 . . . {Mud-guards}
3/18 . Devices for holding overshoes in position
3/20 . . . Heel-less overshoes
3/22 . Protecting sheaths worn between shoe and overshoe
3/24 . . . Collapsible or convertible footwear {(multipurpose skate boots A43B 5/1633; exchangeable soles A43B 13/36)}
3/242 . . . {characterised by the upper}
3/244 . . . {characterised by the attachment between upper and sole}
3/246 . . . {characterised by the sole}
3/248 . . . {Collapsible or foldable footwear, e.g. for travelling}
3/26 . Footwear adjustable as to length or size {(adjustable ski boots or similar boots A43B 5/0427; adjustable skating boots A43B 5/1608)}
3/28 . Footwear specially adapted for dolls
3/30 . Footwear specially adapted for babies or small children

5/00 Footwear for sporting purposes (non-skid devices, e.g. ice-spurs, studs for football shoes, A43C 15/000)
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 19/000)}
5/0407 . . . {inflatable}
5/0409 . . . {with means for attaching inner boots or parts thereof to shells of ski boots}
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 takes precedence)}
5/0419 . . . {for walking aids}
Characteristic features of footwear

Footwear with health or hygienic arrangements

- Special watertight footwear (overshoes A43B 3/16)
- Ventilated footwear (ventilated skating boots A43B 5/165; ventilated socks or inserts A43B 17/08)
- Footwear with electric batteries, generators, or the like
- Footwear with air-holes, with or without closures
- Footwear with toe-spacers or toe-spreaders
- Adapting the inner sole (or the side of the upper) of the shoe to the sole of the foot
- Protecting the ball-joint against pressure while standing
- Footwear with shock-absorbing means (resilient soles A43B 13/18)
- Footwear with protection against heat or cold
- Footwear with toe-spacers or toe-spreaders
- Elevating, i.e. height increasing, footwear (with elevated heel parts inside A43B 7/14; lengthening pieces for natural legs A61F 3/00; orthopaedic insertions for conventional shoes A61F 5/14)

Footwear characterised by the assembling of the individual parts (assembling parts of upper together A43B 23/0245; assembling sole parts together A43B 13/12)

- Boots for motorcyclists
- Skating boots
- Footwear with health or hygienic arrangements
- Footwear with heating arrangements (footwarmers)
- Footwear with cooling arrangements
- Special watertight footwear (overshoes A43B 3/16)
- Ventilated footwear (ventilated skating boots, A43B 5/1675; ventilated socks or inserts A43B 17/08)
- Footwear with electric batteries, generators, or the like
- Footwear with air-holes, with or without closures
- Footwear with toe-spacers or toe-spreaders
- Adapting the inner sole (or the side of the upper) of the shoe to the sole of the foot
- Protecting the ball-joint against pressure while standing
- Footwear with shock-absorbing means (resilient soles A43B 13/18)
- Footwear with protection against heat or cold
- Footwear with toe-spacers or toe-spreaders
- Elevating, i.e. height increasing, footwear (with elevated heel parts inside A43B 7/14; lengthening pieces for natural legs A61F 3/00; orthopaedic insertions for conventional shoes A61F 5/14)
Characteristic features of footwear

Parts of footwear

13/00 Soles ([Skating boots characterised by the sole A43B 5/1641] socks A43B 17/00); Sole and heel units

13/02 . . . characterised by the material
13/023 . . . [Soles with several layers of the same material (soles with several layers of different materials A43B 13/12)]
13/026 . . . [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
13/122 . . . [characterised by the outsole or external layer]
13/125 . . . [characterised by the midsole or middle layer]
13/127 . . . [the midsole being multilayer]
13/14 . . . characterised by the constructive form
13/141 . . . [with a part of the sole being flexible, e.g. permitting articulation or torsion]
13/143 . . . [provided with wedged, concave or convex end portions, e.g. for improving roll-off of the foot]
13/145 . . . [Convex portions, e.g. with a bump or projection, e.g. 'Masai' type shoes]
13/146 . . . [Concave end portions, e.g. with a cavity or cut-out portion]
13/148 . . . [Wedge end portions]
13/16 . . . Picced soles (with several layers of different materials A43B 13/12)
13/18 . . . Resilient soles ([skating boots provided with resilient means A43B 5/1658])
13/181 . . . [Resiliency achieved by the structure of the sole]
13/182 . . . [Helicoidal springs]
13/183 . . . [Leaf springs]
13/184 . . . [the structure protruding from the outsole]
13/185 . . . [Elasticated plates sandwiched between two interlocking components, e.g. thrusters]
13/186 . . . [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)]
13/187 . . . [Resiliency achieved by the features of the material, e.g. foam, non liquid materials]
13/188 . . . [Differential cushioning regions]
Parts of footwear

17/14 . made of sponge, rubber, or plastic materials
17/16 . with heel or toe caps
17/18 . Arrangements for attaching removable insoles to footwear

19/00 Shoe-shaped inserts; Inserts covering the instep
[(for ski boots or similar boots A43B 5/0405; for skating boots A43B 5/1616)]
19/005 . [Weighted inserts for shoes, i.e. insert comprising an additional weight]

21/00 Heels; Top-pieces, e.g. high heels, heel distinct from the sole, high heels monolithic with the sole (sole and heel units A43B 13/37)
21/02 . characterised by the material
21/025 . . {Metal}
21/03 . wood
21/04 . leather
21/06 . rubber
21/08 . . combined hard and soft rubber
21/18 . . combined rubber and leather
21/20 . . plastics
21/22 . Heels or heel attachments specially designed to prevent splashing
21/24 . . characterised by the constructive form
21/26 . . Resilient heels
21/265 . . . {filled with a non-compressible fluid, e.g. gel, water}
21/28 . . . Pneumatic heels {filled with a compressible fluid, e.g. air, gas}
21/285 . . . . {provided with a pump or valve}
21/30 . . Heels with metal springs
21/32 . . Resilient supports for the heel of the foot
21/36 . . characterised by their attachment; Securing devices for the attaching means (combined with soles A43B 13/28)
21/37 . . by hook-shaped or bent attaching means
21/38 . . by screws only
21/39 . . by rib groove
21/40 . . by dovetail
21/42 . . Heels with replaceable or adjustable parts, e.g. top lift
21/433 . . rotatably mounted
21/437 . . with axially-adjustable rod-like top-pieces
21/44 . . by claw-like means
21/45 . . with special tensioning means
21/46 . . by bolts
21/47 . . by resilient means
21/48 . . by press-buttons
21/50 . . by bayonet-shaped opening and pin
21/51 . . with keyhole-shaped opening and pin
21/52 . . Interchangeable heel parts without special attachments
21/54 . . by adhesion or the like

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 (material of the lining A43B 23/07, material of toe stiffeners or heel stiffeners A43B 23/08)}
23/021 . . {Leather}