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)

1/0009 . [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 . [Footwear made at least partially of material with 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

3/0005 . [Footwear provided with electrical or electronic systems]

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 (sands 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]
5/009  [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 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]

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 takes 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 boot]
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 takes precedence)]
5/0458  [with the actuator being disposed at the front side of the boot (A43B 5/0464 takes 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 ski-boot]
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 takes precedence)]
5/0476  [Front-entry ski-boots]
5/0478  [Mid-entry ski-boots, hybrid ski-boots]
5/048  [Rear-entry ski-boots]
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

- Footwear with health or hygienic arrangements
  - Special watertight footwear (overshoes A43B 3/16, A43B 5/1675; ventilated socks or ventilated footwear) { (ventilated skating boots; electric heating elements H05B)
  - Footwear with cooling arrangements
  - Attachable overshoes for sporting purposes

- Footwear with foot-supporting parts
  - Shoes for cyclists
  - Dancing shoes
  - Shoes for cyclists

- Footwear with health or hygienic arrangements
  - Footwear with shock-absorbing means { (ventilated skating boots; electric heating elements H05B)
  - Footwear with air-holes, with or without closures
  - Footwear with air-holes, with or without closures

- Footwear with shock-absorbing means { (ventilated skating boots; electric heating elements H05B)
  - Footwear with shock-absorbing means { Safety footwear (resilient soles A43B 13/18)
  - Footwear with shock-absorbing means { (ventilated skating boots

- Footwear with foot-supporting parts
  - Footwear with foot-supporting parts
  - Footwear with foot-supporting parts

- Footwear characterised by the assembling of the individual parts (assembling parts of upper together A43B 23/0245; assembling sole parts together A43B 13/12)
  - Footwear stitched or nailed through
  - Welted footwear (welts A43B 15000)
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. articulating 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 Pieced 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 [Helio-cylinders springs]
13/183 [Leaf springs]
13/184 [the structure protruding from the outsole]
13/185 [Elasticated plates sandwiched between two interlocking components, e.g. thrustors]
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]

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 [multilayered]
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 [multilayered]
17/007 wedge-like or resilient
17/003 [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

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 }

23/0215 . { 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 }

23/0296 . . . . { Laminated uppers }

23/034 . . 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 gusset being elastic }

23/06 . . Waterproof legs

23/07 . . . { 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

23/20 . . . . Nails, pegs, pins, clamps, or tacks, for footwear

23/22 . . . . 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