

## ECLA EUROPEAN CLASSIFICATION

### A43B CHARACTERISTIC FEATURES OF FOOTWEAR; PARTS OF FOOTWEAR

[N: **WARNING**[C2012.04]

The following IPC groups are not used in the internal ECLA classification scheme. Subject matter covered by these groups is classified in the following ECLA groups:

- [A43B21/10](#)-[A43B21/16](#) covered by [A43B21/06](#)
- [A43B21/34](#) covered by [A43B21/24](#)

**Guide heading:** Characteristic features of footwear

**A43B1/00** Footwear characterised by the material ([layered products B32B](#))

- A43B1/00A . [N: Footwear made at least partially of alveolar or honeycomb material] [N1102]
- A43B1/00B . [N: Footwear made at least partially of flexible, bellow-like shaped material] [N1102]
- A43B1/00C . [N: Footwear made at least partially from a material having special colours] [N1106]
- A43B1/00C10 . . [N: with fluorescent or phosphorescent parts] [N1106]
- A43B1/00D . [N: Footwear made at least partially of deodorant means] [N1106]
- A43B1/00M . [N: Footwear provided with magnets, magnetic parts or magnetic substances] [N1106]
- A43B1/00R . [N: Footwear made at least partially of material that can be recycled] [N1106]
- A43B1/00T . [N: Footwear made at least partially of transparent or translucent materials] [N1106]
- A43B1/00V . [N: Footwear made at least partially of hook-and-loop type material (**hook and loop-type straps for fastening purpose [A43C11/14C](#)**)] [N1106]
- A43B1/00W . [N: Footwear made at least partially of washable material] [N1106]
- A43B1/02 . Footwear made of animal or plant fibres or fabrics made therefrom
- A43B1/04 . . Braided, knotted, knitted, or crocheted footwear
- A43B1/06 . Footwear made of wood, cork, card-board, paper or like fibrous material ([soles A43B13/00](#); [making of wooden shoes B27M3/20](#))
- A43B1/08 . Footwear made of metal ([soles A43B13/10](#))
- A43B1/10 . Footwear made of rubber
- A43B1/12 . . of rubber waste
- A43B1/14 . Footwear made of gutta-percha, celluloid, or plastics

- A43B3/00**                      **Footwear characterised by the shape or the use**
- A43B3/00E                      . [N: Footwear provided with electrical or electronic systems] [N1106]
  - A43B3/00E10                      . . [N: Footwear provided with light source] [N1106]
  - A43B3/00E20                      . . [N: Footwear provided with generator] [N1106]
  - A43B3/00E30                      . . [N: Footwear provided with sound or music source] [N1106]
  
  - A43B3/00M                      . [N: Footwear for use in minefields; Footwear protecting from landmine blast; Footwear preventing landmines from being triggered][N0310]
  
  - A43B3/00P                      . [N: Footwear provided with a pocket, e.g. for keys or a card] [N1106]
  
  - A43B3/00S                      . [N: Footwear characterised by a special shape or design] [N1106]
  - A43B3/00S10                      . . [N: with circular or circle shaped parts] [N1106]
  - A43B3/00S20                      . . [N: Footwear parts having a male and corresponding female profile to fit together, e.g. form-fit] [N1106]
  - A43B3/00S30                      . . [N: X-shaped or cross-shaped] [N1106]
  - A43B3/00S40                      . . [N: S-shaped] [N1106]
  - A43B3/00S50                      . . [N: U-shaped] [N1106]
  - A43B3/00S60                      . . [N: V-shaped] [N1106]
  - A43B3/00S70                      . . [N: Y-shaped] [N1106]
  - A43B3/00S80                      . . [N: Footwear provided with logos, letters, signatures or the like decoration ([A43B23/24](#) takes precedence)] [N1106]
  - A43B3/00S80B                      . . . [N: Arrangement of flocked decoration on shoes] [N1106]
  - A43B3/00S80C                      . . . [N: with means to identify the size of the shoe] [N1106]
  - A43B3/00S90                      . . [N: with means to differentiate between right and left shoe] [N1106]
  
  - A43B3/02                      . Top-boots; Leg-boots; Shoes with batwing tabs
  - A43B3/04                      . . with rubber or elastic insertions or gussets
  
  - A43B3/06                      . Shoes with flaps; Footwear with divided uppers
  - A43B3/08                      . . with rubber or elastic insertions or gussets
  
  - A43B3/10                      . Low shoes; Slippers ([sandals A43B3/12](#))
  - A43B3/10B                      . . [N: Slippers]
  - A43B3/10B1                      . . . [N: Slippers leaving the heel of the foot bare ([A43B3/10D](#) takes precedence; [Slippers with an anklestrap. sling type shoes A43B3/12](#))] [N0003]
  - A43B3/10B1A                      . . . . [N: characterised by the attachment of the toestraps] [N0003]
  - A43B3/10B1L                      . . . . [N: characterised by the shape or layout of the toestraps] [N0003]
  - A43B3/10D                      . . [N: Disposable slippers; One piece slippers] [N0003]
  - A43B3/10M                      . . [N: characterised by the material] [N0003]
  - A43B3/10S                      . . [N: characterised by the sole] [N0003]
  
  - A43B3/12                      . Sandals [N: provided with an anklestrap]; Strap guides thereon [N: ([footwear having only a toestraps, thong sandals A43B3/10](#))] [C0003]

- A43B3/12A . . [N: characterised by the attachment of the straps] [N0003]
- A43B3/12D . . [N: Disposable sandals; One piece sandals] [N0003]
- A43B3/12L . . [N: characterised by the shape or layout of the straps] [N0003]
- A43B3/12S . . [N: characterised by the sole] [N0003]
  
- A43B3/14 . Moccasins, opanken, or like shoes
  
- A43B3/16 . Overshoes [N: ([A43B23/30](#) takes precedence)] [C9501]
- A43B3/16B . . [N: Overshoes specially adapted for health or hygienic purposes, e.g. comprising electrically conductive material allowing the discharge of electrostatic charges]
- A43B3/16C . . [N: Mud-guards]
- A43B3/18 . . Devices for holding overshoes in position
- A43B3/20 . . Heel-less overshoes
- A43B3/22 . . Protecting sheaths worn between shoe and overshoe
  
- A43B3/24 . Collapsible or convertible footwear [N: ([multipurpose skate boots A43B5/16M](#); [exchangeable soles A43B13/36](#))] [C1011]
- A43B3/24B . . [N: characterised by the upper] [N1102]
- A43B3/24C . . [N: characterised by the attachment between upper and sole] [N1102]
- A43B3/24D . . [N: characterised by the sole] [N1102]
- A43B3/24E . . [N: Collapsible or foldable footwear, e.g. for travelling] [N1102]
  
- A43B3/26 . Footwear adjustable as to length or size [N: ([adjustable ski boots or similar boots A43B5/04E](#); [adjustable skating boots A43B5/16A](#))] [C0501]
  
- A43B3/28 . Footwear specially adapted for dolls
  
- A43B3/30 . Footwear specially adapted for babies or small children
  
- A43B5/00** **Footwear for sporting purposes** (non-skid devices, e.g. ice-spurs, studs for football shoes, [A43C15/00](#))
  
- A43B5/00B . [N: Golf shoes]
  
- A43B5/00C . [N: Mountain boots or shoes] [C0508]
- A43B5/00C1 . . [N: for free climbing] [N9905] [C0508]
  
- A43B5/00D . [N: After-ski boots]
  
- A43B5/00G . [N: for grinding, i.e. sliding on the sole or a part thereof][N0303]
  
- A43B5/00H . [N: for horse riding ([stirrups B68C3/00](#))] [N1106]
  
- A43B5/00J . [N: Footwear for car driving or racing] [N1106]
  
- A43B5/00K . [N: Bowling Shoes] [N1106]
  
- A43B5/02 . Football boots [N: or shoes, i.e. footwear for soccer, football or rugby] [C0508]

- A43B5/02B . . [N: characterised by an element which improves the contact between the ball and the footwear] [N1204]
- A43B5/04 . Ski boots; Similar boots
- A43B5/04A . . [N: Snowboard boots] [N9702]
- A43B5/04A2 . . . [N: Adaptations for soles or accessories with soles for snowboard bindings] [N0508]
- A43B5/04B . . [N: Linings, paddings, insertions; Inner boots (in general [A43B19/00](#))]
- A43B5/04B2 . . . [N: inflatable]
- A43B5/04B4 . . . [N: with means for attaching inner boots or parts thereof to shells of skiboots] [N1106]
- A43B5/04C . . [N: for cross-country]
- A43B5/04C2 . . . [N: Adaptations for soles or accessories associated with soles for cross-country bindings] [N0508] [C0508]
- A43B5/04D . . [N: Accessories ([A43B5/04A2](#), [A43B5/04C2](#), [A43B5/04G2](#) take precedence)] [C0508]
- A43B5/04D2 . . . [N: for soles or associated with soles of ski boots; for ski bindings ([A43B5/04C](#) takes precedence)] [C0508]
- A43B5/04D2B . . . . [N: for walking aids]
- A43B5/04D2C . . . . [N: located underneath the sole] [N1106]
- A43B5/04D2D . . . . [N: located on the sides of the sole] [N1106]
- A43B5/04D3 . . . [N: Devices for carrying ski-boots or similar boots]
- A43B5/04E . . [N: characterised by type or construction details] [C1106]
- A43B5/04E10 . . . [N: Adjustment of the boot to calf or shin, i.e. fibula, tibia] [N9803]
- A43B5/04E10L . . . . [N: to the length of calf or shin, i.e. fibula, tibia] [N9803]
- A43B5/04E10W . . . . [N: to the width of calf or shin, i.e. fibula, tibia] [N9803]
- A43B5/04E12 . . . [N: Adjustment of the boot to the foot] [N9803]
- A43B5/04E12A . . . . [N: to the arch of the foot ([A43B5/04E12L](#) takes precedence)] [N9803] [C9809]
- A43B5/04E12H . . . . [N: to the heel; Heel clamping devices; Heel supports] [N9803]
- A43B5/04E12L . . . . [N: by lifting the insole] [N9809]
- A43B5/04E12M . . . . [N: to the instep of the foot, e.g. metatarsals; Metatarsal clamping devices] [N9803]
- A43B5/04E12M1 . . . . . [N: directly actuated by non flexible means, e.g. screws, levers] [N9809]
- A43B5/04E12M2 . . . . . [N: actuated by flexible means, e.g. cables, straps] [N9809]
- A43B5/04E12M2B . . . . . [N: with the actuator being disposed at the rear side of the boot] [N9809]
- A43B5/04E12W . . . . [N: to the width of the foot] [N9803]
- A43B5/04E14 . . . [N: Adjustment of the forward inclination of the boot leg] [N9803]
- A43B5/04E14F . . . . [N: including flex control; Dampening means] [N9803]
- A43B5/04E14F1 . . . . . [N: with the actuator being disposed at the rear side of the boot ([A43B5/04E14F5](#) takes precedence)] [N9809]
- A43B5/04E14F2 . . . . . [N: with the actuator being disposed at the front side of the boot ([A43B5/04E14F5](#) takes precedence)] [N9809]
- A43B5/04E14F3 . . . . . [N: with the actuator being disposed at the lateral or medial side of the boot ([A43B5/04E14F5](#) takes precedence)] [N9809]

- A43B5/04E14F4 . . . . . [N: with the actuator being disposed at the lower side of the boot ([A43B5/04E14F5](#) takes precedence)] [N9809]
- A43B5/04E14F5 . . . . . [N: with exchangeable parts] [N9809]
- A43B5/04E16 . . . . . [N: Adjustment of the side inclination of the boot leg; Canting] [N9803]
- A43B5/04E18 . . . . . [N: Adjustment of the angle of the boot to the ski] [N9803]
- A43B5/04E20 . . . . . [N: provided with means to improve walking with the skiboot] [N9803]
- A43B5/04E20F . . . . . [N: having a flexible toe portion; provided with a hinge at the ball of the foot] [N9803]
- A43B5/04E20W . . . . . [N: having a walk/ski position ([A43B5/04E20F](#) takes precedence)] [N9803]
- A43B5/04E30 . . . . . [N: Front-entry skiboots] [N1106]
- A43B5/04E32 . . . . . [N: Mid-entry skiboots, hybrid skiboots] [N1106]
- A43B5/04E34 . . . . . [N: Rear-entry skiboots] [N1106]
- A43B5/04E40 . . . . . [N: made from materials with different rigidities] [N1106]
- A43B5/04E50 . . . . . [N: permitting easy replacement of parts] [N1106]
- A43B5/04F . . . . . [N: characterized by the material] [N9809] [C1204]
- A43B5/04F10 . . . . . [N: with an upper made of flexible material, e.g. leather ([A43B5/04A](#), [A43B5/00C](#) take precedence)] [N1204]
- A43B5/04F20 . . . . . [N: with an upper made of composite material, e.g. fibers or core embedded in a matrix] [N1204]
- A43B5/04G . . . . . [N: Telemark boots] [N0001]
- A43B5/04G2 . . . . . [N: Adaptations for soles or accessories associated with soles for telemark bindings] [N0508]
- A43B5/04H . . . . . [N: boots for touring or hiking skis] [N1011]
- A43B5/04J . . . . . [N: For ski jumping] [N1106]
- A43B5/06 . . . . . Running boots
- A43B5/08 . . . . . Bathing shoes; [N: Aquatic sports shoes]
- A43B5/10 . . . . . Tennis shoes
- A43B5/12 . . . . . Dancing shoes
- A43B5/14 . . . . . Shoes for cyclists
- A43B5/14B . . . . . [N: Boots for motorcyclists] [N0001]
- A43B5/16 . . . . . Skating boots
- A43B5/16A . . . . . [N: size adjustable (skates with special foot-plates for the boot divided into two parts permitting adjustment to the size of the foot [A63C1/26](#))] [N0501]
- A43B5/16B . . . . . [N: Inner boots] [N0501]
- A43B5/16D . . . . . [N: made from materials with different rigidities] [N1106]
- A43B5/16M . . . . . [N: Multipurpose skate boots (roller skates convertible to ice skates [A63C17/18](#), with fixable wheels permitting walking [A63C17/20](#))] [N0501]
- A43B5/16S . . . . . [N: characterised by the sole (skates with special foot-plates for the boot [A63C1/22](#)); characterised by the attachment of the skate ([A43B5/16M](#) takes precedence; skates rigidly mounted to the sole of the boot [A63C1/02](#))] [N0501]
- A43B5/16S1 . . . . . [N: with ventilation means in the sole] [N0501]

- A43B5/16S3 . . . [N: provided with resilient means in the sole or between the chassis and the sole][N0501]
- A43B5/16U . . [N: characterised by the upper][N0501]
- A43B5/16U1 . . . [N: with ventilation means in the upper][N0501]
- A43B5/16U3 . . . [N: characterised by the lower part of the upper or by the shell][N0501]
- A43B5/16U5 . . . [N: characterised by the higher part of the upper, e.g. surrounding the ankle, by the quarter or cuff][N0501]
  
- A43B5/18 . Attachable overshoes for sporting purposes
- A43B5/18S . . [N: with a sole covering spikes or cleats] [N9903] [C9906]

### **A43B7/00 Footwear with health or hygienic arrangements**

- A43B7/00B . [N: Footwear with cooling arrangements] [N1106]
  
- A43B7/02 . Footwear with heating arrangements (footwarmers [A61F7/06](#); electric heating elements [H05B](#))
- A43B7/02B . . [N: heated by an electric current from an external source, e.g. car batteries]
- A43B7/04 . . Footwear with electric batteries, generators, or the like
  
- A43B7/06 . Ventilated footwear [N: (ventilated skating boots [A43B5/16S1](#), [A43B5/16U1](#); ventilated socks or inserts [A43B17/08](#))] [C1011]
- A43B7/08 . . Footwear with air-holes, with or without closures
- A43B7/08B . . . [N: the air being forced from outside] [N1011]
- A43B7/08C . . . [N: the air being expelled to the outside] [N1011]
- A43B7/08D . . . [N: characterised by the location of the holes] [N1011]
- A43B7/08D10 . . . . [N: in the upper] [N1011]
- A43B7/08D20 . . . . [N: in the bottom of the sole] [N1011]
- A43B7/08D30 . . . . [N: in the side of the sole] [N1011]
- A43B7/10 . . . with closable air-slots near the waist
- A43B7/10P . . . . [N: with pumping means or valves] [N0212]
  
- A43B7/12 . Special watertight footwear (overshoes [A43B3/16](#))
- A43B7/12B . . [N: provided with a vapour permeable member, e.g. a membrane ([A43B23/02B20A](#) takes precedence)] [N9810] [C1011]
  
- A43B7/14 . Footwear with foot-supporting parts
- A43B7/14A . . [N: provided with pads or holes on one or more locations, or having an anatomical or curved form] [N1011]
- A43B7/14A10 . . . [N: having an anatomical or curved form] [N1011]
- A43B7/14A20 . . . [N: characterised by the location under the foot] [N1011]
- A43B7/14A20A . . . . [N: situated under the medial arch, i.e. the navicular or cuneiform bones] [N1011] [M1106]
- A43B7/14A20B . . . . [N: situated under the ball of the foot, i.e. the joint between the first metatarsal and first phalange] [N1011]
- A43B7/14A20C . . . . [N: situated under the lateral arch, i.e. the cuboid bone] [N1011]
- A43B7/14A20F . . . . [N: situated under the joint between the fifth phalange and the fifth

- metatarsal bone] [N1011]
- A43B7/14A20H . . . . [N: situated under the heel, i.e. the calcaneus bone] [N1011]
- A43B7/14A20M . . . . [N: situated under the midfoot, i.e. the metatarsal] [N1011]
- A43B7/14A20P . . . . [N: situated under the toes, i.e. the phalange] [N1011]
- A43B7/14A30 . . . . [N: with special properties] [N1011]
- A43B7/14A30A . . . . [N: provided with acupressure points or means for footmassage] [N1011]
- A43B7/14A30R . . . . [N: with removable or adjustable pads to allow custom fit] [N1011]
- A43B7/14A30S . . . . [N: for sick or disabled persons, e.g. persons having osteoarthritis or diabetes] [N1106]
- A43B7/14A40 . . . . [N: characterised by the type of support] [N1011]
- A43B7/14A40F . . . . [N: Recesses or holes filled with a support or pad] [N1011]
- A43B7/14A40H . . . . [N: Recesses or holes, traversing partially or completely the thickness of the pad] [N1011]
- A43B7/14A40P . . . . [N: Pad, e.g. protruding on the foot facing surface] [N1011]
- A43B7/14C . . . [N: Footwear with arch-supports of the bracelet type]
- A43B7/16 . . . Footwear with elevated heel parts inside [N9904]
- A43B7/18 . . . Joint supports, e.g. instep supports [N9904]
- A43B7/19 . . . . engaging the ground directly [N9904]
- A43B7/20 . . . . Ankle-joint supports or holders [N9904]
- A43B7/22 . . . Footwear with fixed flat-foot insertions, metatarsal supports, ankle flaps, or the like (orthopaedic insertions [A61F5/14](#))
- A43B7/22C . . . . [N: characterised by the constructive form][N0303]
- A43B7/22M . . . . [N: characterised by the material][N0303]
- A43B7/24 . . . Insertions or cap supports preventing the foot canting to one side, [N: preventing supination or pronation] [N9904]
- A43B7/26 . . . Footwear with toe-spacers or toe-spreaders
- A43B7/28 . . . Adapting the inner sole [N: or the side of the upper] of the shoe to the sole of the foot [C1107]
- A43B7/30 . . . Protecting the ball-joint against pressure while standing [N9904]
- A43B7/32 . . . Footwear with shock-absorbing means [N: Safety footwear] (resilient soles [A43B13/18](#)) [C0005]
- A43B7/34 . . . Footwear with protection against heat or cold
- A43B7/36 . . . with earthing or grounding means
- A43B7/38 . . . Elevating, i.e. height increasing, footwear (with elevated heel parts inside [N: [A43B7/14](#)]; lengthening pieces for natural legs [A61F3/00](#); orthopaedic insertions for conventional shoes [A61F5/14](#)) [C9806]
- A43B9/00** . . . **Footwear characterised by the assembling of the individual parts [N: (assembling parts of upper together [A43B23/02C](#); assembling sole parts together [A43B13/12](#)) [C1011]**
- A43B9/02 . . . Footwear stitched or nailed through
- A43B9/04 . . . Welted footwear (welts [A43B15/00](#))

- A43B9/06 . . . stitched or nailed through
- A43B9/08 . . . Turned footwear
- A43B9/10 . . . Footwear with out-turned uppers
- A43B9/12 . . . Stuck or cemented footwear
- A43B9/12P . . . [N: using a temporary protective insole or innersole][N0303]
- A43B9/14 . . . Platform shoes
- A43B9/16 . . . Footwear with soles moulded on to uppers or welded on to uppers without adhesive
- A43B9/18 . . . moulded [N: (moulding soles or heels to preformed uppers [B29D35/06](#))] [C1104]
- A43B9/20 . . . welded
  
- A43B11/00** **Footwear with miscellaneous arrangements to facilitate putting-on or removing, e.g. with straps**
  
- A43B11/02 . . . with built-in shoe-horns
  
- Guide heading:** **Parts of footwear**
  
- A43B13/00** **Soles ([N: Skating boots characterised by the sole [A43B5/16S](#),]socks [A43B17/00](#)); Sole and heel units [C0501]**
  
- A43B13/02 . . . characterised by the material
- A43B13/02B . . . [N: Soles with several layers of the same material (soles with several layers of different materials [A43B13/12](#))] [N1011]
- A43B13/02C . . . [N: Composites, e.g. carbon fibre or aramid fibre; the sole, one or more sole layers or sole part being made of a composite] [N1011]
- A43B13/04 . . . plastics, rubber or vulcanised fibre
- A43B13/08 . . . wood
- A43B13/10 . . . metal
- A43B13/12 . . . Soles with several layers of different materials
- A43B13/12E . . . . [N: characterised by the outsole or external layer] [N1011]
- A43B13/12M . . . . [N: characterised by the midsole or middle layer] [N1011]
- A43B13/12M10 . . . . . [N: the midsole being multilayer] [N1011]
  
- A43B13/14 . . . characterised by the constructive form
- A43B13/14F . . . [N: with a part of the sole being flexible, e.g. permitting articulation or torsion] [N0004]
- A43B13/14W . . . [N: provided with wedged, concave or convex end portions, e.g. for improving roll-off of the foot][N0303]
- A43B13/14W2 . . . . [N: Convex portions, e.g. with a bump or projection, e.g. 'Masai' type shoes] [N0401] [M1106]
- A43B13/14W4 . . . . [N: Concave end portions, e.g. with a cavity or cut-out portion][N0401] [C0508]
- A43B13/14W6 . . . . [N: Wedged end portions][N0401]

- A43B13/16 . . . Pieced soles (with several layers of different material [A43B13/12](#))
- A43B13/18 . . . Resilient soles [N: (skating boots provided with resilient means [A43B5/16S3](#))] [C0501]
- A43B13/18A . . . . [N: Resiliency achieved by the structure of the sole] [N0002]
- A43B13/18A1 . . . . . [N: Helicoidal springs] [N0002]
- A43B13/18A2 . . . . . [N: Leaf springs] [N0410]
- A43B13/18A3 . . . . . [N: the structure protruding from the outsole] [N0002]
- A43B13/18A4 . . . . . [N: Elasticated plates sandwiched between two interlocking components, e.g. thrustors] [N1106]
- A43B13/18A5 . . . . . [N: Differential cushioning region, e.g. cushioning located under the ball of the foot (resilient heel not included in the sole [A43B21/26](#); resilient supports for the heel of the foot [A43B21/32](#))] [N0002] [C1011]
- A43B13/18F . . . . [N: Resiliency achieved by the features of the material, e.g. foam, non liquid materials] [N0002]
- A43B13/18F5 . . . . . [N: Differential cushioning regions] [N0002]
- A43B13/18G . . . . [N: filled with a non-compressible fluid, e.g. gel, water] [N9904]
- A43B13/20 . . . . Pneumatic soles [N: filled with a compressible fluid, e.g. air, gas (inflatable linings for skiboots [A43B5/04B2](#))] [C9904]
- A43B13/20P . . . . . [N: provided with a pump or valve] [N9904]
- A43B13/20T . . . . . [N: provided with tubes or pipes or tubular shaped cushioning members] [N0704]
- A43B13/22 . . . Soles made slip-preventing or wear-resisting, e.g. by impregnation or spreading a wear-resisting layer
- A43B13/22B . . . . [N: Profiled soles]
- A43B13/22B2 . . . . . [N: the profile being made in the foot facing surface] [C0401]
- A43B13/24 . . . . by use of insertions
- A43B13/26 . . . . . projecting beyond the sole surface
- A43B13/28 . . . characterised by their attachment, also attachment of combined soles and heels (attachment of heels [A43B21/36](#); attachment of heel parts [N: [A43B21/42](#)]) [C9806]
- A43B13/30 . . . by screws
- A43B13/32 . . . by adhesives
- A43B13/34 . . . Soles also attached to the inner side of the heels
- A43B13/36 . . . Easily-exchangeable soles (of metal [A43B13/10](#); protecting-soles [A43C13/12](#))
- A43B13/37 . . . Sole and heel units
- A43B13/38 . . . Insoles
- A43B13/38B . . . . [N: Pieced insoles]
- A43B13/38C . . . . [N: Multilayer insoles] [N1011]
- A43B13/39 . . . with upset sewing ribs
- A43B13/40 . . . with cushions
- A43B13/41 . . . combined with heel stiffener, toe stiffener, or shank stiffener
- A43B13/42 . . . Filling materials located between the insole and outer sole; Stiffening materials
- A43B15/00** . . . **Welts for footwear**

- A43B17/00**      **Socks** (hosiery [A41B11/00](#); special medical insertions for shoes [A61F5/14](#))
- A43B17/00B      . [N: characterised by the material (wooden socks [A43B17/12](#), made of sponge, rubber or plastic materials [A43B17/14](#))] [N0011]
- A43B17/00B10      . . [N: Multilayerd] [N1106]
- A43B17/02      . Wedge-like or resilient socks or sock parts
- A43B17/02B      . . [N: wedge-like ([A43B17/03](#) takes precedence)]
- A43B17/02G      . . [N: filled with a non-compressible fluid, e.g. gel, water] [N9904]
- A43B17/03      . . pneumatic [N: , filled with a compressible fluid, e.g. air, gas (inflatable linings for skiboos [A43B5/04B2](#))] [C9904]
- A43B17/03P      . . . [N: provided with a pump or valve] [N9904]
- A43B17/04      . with metal insertions or coverings
- A43B17/06      . with metal springs
- A43B17/08      . Ventilated socks
- A43B17/10      . for sweaty feet; Waterproof socks
- A43B17/10A      . . [N: Moisture absorbing socks; Moisture dissipating socks][N0305]
- A43B17/10A1      . . . [N: Disposable][N0305]
- A43B17/10W      . . [N: Waterproof socks][N0309]
- A43B17/12      . Wooden socks
- A43B17/14      . made of sponge, rubber, or plastic materials
- A43B17/16      . with heel or toe caps
- A43B17/18      . Arrangements for attaching socks to the footwear
- A43B19/00**      **Shoe-shaped inserts; Inserts covering the instep** [N: (for ski boots or similar boots [A43B5/04B](#), for skating boots [A43B5/16B](#))] [C0501]
- A43B19/00B      . [N: Weighted inserts for shoes, i.e. insert comprising an additional weight] [N1106]
- A43B21/00**      **Heels; Top-pieces**, [N: e.g. high heels, heel distinct from the sole, high heels monolithic with the sole (sole and heel units [A43B13/37](#))] [C1011]
- A43B21/02      . characterised by the material
- A43B21/02M      . . [N: Metal][N0410]
- A43B21/03      . . wood
- A43B21/04      . . leather
- A43B21/06      . . rubber
- A43B21/08      . . . combined hard and soft rubber

- A43B21/18 . . . combined rubber and leather
- A43B21/20 . . . plastics
- A43B21/22 . Heels or heel attachments specially designed to prevent splashing
- A43B21/24 . characterised by the constructive form
- A43B21/26 . . . Resilient heels
- A43B21/26G . . . . [N: filled with a non-compressible fluid, e.g. gel, water] [N9904]
- A43B21/28 . . . . Pneumatic heels [N: filled with a compressible fluid, e.g. air, gas] [C9904]
- A43B21/28P . . . . . [N: provided with a pump or valve] [N9904]
- A43B21/30 . . . Heels with metal springs
- A43B21/32 . . . Resilient supports for the heel of the foot
- A43B21/36 . characterised by their attachment; Securing devices for the attaching means (combined with soles [A43B13/28](#))
- A43B21/37 . . . by hook-shaped or bent attaching means [N0108]
- A43B21/38 . . . by screws only [N0108]
- A43B21/39 . . . by rib groove [N0108]
- A43B21/40 . . . . by dovetail [N0108]
- A43B21/42 . . . Heels with replaceable or adjustable parts, [N: e.g. top lift] [C1011]
- A43B21/43B . . . . rotatably mounted
- A43B21/437 . . . . with axially-adjustable rod-like top-pieces [N0108]
- A43B21/44 . . . by claw-like means [N0108]
- A43B21/45 . . . . with special tensioning means [N0108]
- A43B21/46 . . . by bolts [N0108]
- A43B21/47 . . . by resilient means [N0108]
- A43B21/48 . . . . by press-buttons [N0108]
- A43B21/50 . . . by bayonet catches or the like [N0108]
- A43B21/51 . . . with keyhole-shaped opening and pin [N0108]
- A43B21/52 . . . Interchangeable heel parts without special attachments [N0108]
- A43B21/54 . . . by adhesion or the like [N0108]

#### **A43B23/00 Uppers; Boot legs; Stiffeners; Other single parts of footwear**

- A43B23/02 . Uppers; Boot legs [N: (ski boots with an upper made of flexible material [A43B5/04E](#); skating boots characterised by the uppers [A43B5/16U](#))]
- A43B23/02B . . . [N: characterised by the material (material of the lining [A43B23/07](#), material of toe stiffeners or heel stiffeners [A43B23/08](#))] [N1011]
- A43B23/02B10 . . . . [N: Leather] [N1011]
- A43B23/02B20 . . . . [N: Plastics or artificial leather] [N1011]
- A43B23/02B20A . . . . . [N: with waterproof breathable membranes] [N1011]
- A43B23/02B30 . . . . [N: Composite materials, e.g. material with a matrix][N1011]
- A43B23/02B40 . . . . [N: Metal] [N1011]
- A43B23/02B50 . . . . [N: Different layers of different material] [N1011]

- A43B23/02B60 . . . [N: Different layers of the same material] [N1011]
- A43B23/02C . . [N: characterised by the constructive form] [N1011]
- A43B23/02C10 . . . [N: assembled by stitching] [N1011]
- A43B23/02C20 . . . [N: assembled by gluing or thermo bonding] [N1011]
- A43B23/02C30 . . . [N: Laminated layers] [N1011]
- A43B23/02C40 . . . [N: having different properties in different directions] [N1011]
- A43B23/02C40A . . . . [N: with a part of the upper particularly flexible, e.g. permitting articulation or torsion] [N1011] [C1102]
- A43B23/02C40B . . . . [N: with a part of the upper particularly rigid, e.g. resisting articulation or torsion] [N1011] [C1102]
- A43B23/02C50 . . . [N: Resilient uppers e.g. shock absorbing] [N1011]
- A43B23/02C50A . . . . [N: filled with a non-compressible fluid, e.g. gel or water] [N1011]
- A43B23/02C50B . . . . [N: Pneumatic upper, e.g. gas filled] [N1011]
- A43B23/02C60 . . . [N: Pieced uppers] [N1207]
- A43B23/04 . . Uppers made of one piece; Uppers with inserted gussets
- A43B23/04B . . . [N: Uppers made of one piece (one piece slippers [A43B3/10D](#); one piece sandals [A43B3/12D](#))] [N0304]
- A43B23/04C . . . [N: Uppers with inserted gussets] [N0304]
- A43B23/04C1 . . . . [N: the gusset being elastic] [N0304]
- A43B23/06 . . Waterproof legs
  
- A43B23/07 . Linings therefor [N: (for ski boots or similar boots [A43B5/04B](#), lining laminated with upper [A43B23/02C30](#))] [C1011]
  
- A43B23/08 . Heel stiffeners; Toe stiffeners (footwear with shock-absorbing means [A43B7/32](#))
- A43B23/08T . . [N: Toe stiffeners ] [N0008][C0501]
- A43B23/08T4 . . . [N: made of metal][N0501][C0501]
- A43B23/08T4L . . . . [N: light-alloys][N0501]
- A43B23/08T6 . . . [N: made of leather][N0501][C0501]
- A43B23/08T8 . . . [N: made of impregnated fabrics, plastics or the like] [N0501]
- A43B23/08T8P . . . . [N: made of plastics][N0501]
- A43B23/08V . . [N: Heel stiffeners ([A43B23/10](#), [A43B23/14](#), [A43B23/16](#), [A43B23/17](#) take precedence)] [N0501]
- A43B23/10 . . made of metal [N: ([A43B23/08T4](#) takes precedence)] [C0501]
- A43B23/10L . . . [N: light-alloys][N0501]
- A43B23/14 . . made of leather [N: ([A43B23/08T6](#) takes precedence)] [C0501]
- A43B23/16 . . made of impregnated fabrics, plastics or the like [N: ([A43B23/08T8](#) takes precedence)] [C0501]
- A43B23/17 . . . made of plastics [C0005]
  
- A43B23/20 . Nails, pegs, pins, clamps, or tacks, for footwear
  
- A43B23/22 . Supports for the shank or arch of the uppers (for health or hygienic purposes [A43B7/14](#))
- A43B23/22A . . [N: characterised by the attachment to the sole] [N0404]
- A43B23/22A10 . . . [N: by integrated teeth] [N0404]

- A43B23/22B . . [N: fixed on the outside of the shoe]
- A43B23/24 . Ornamental buckles; Other ornaments for shoes without fastening function
- A43B23/25 . . Arrangement of ribbons on footwear
- A43B23/26 . Tongues for shoes
- A43B23/28 . Devices to put in shoes in order to prevent slipping at the heel or to prevent abrading the stockings
- A43B23/30 . Heel-protectors for car-drivers [N9501]