

## SECTION A — HUMAN NECESSITIES

### A43 FOOTWEAR

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

##### Subclass index

CHARACTERISTIC FEATURES OF FOOTWEAR.....	1/00-9/00, 11/00
PARTS OF FOOTWEAR.....	13/00-23/00

##### Characteristic features of footwear

- 1/00 Footwear characterised by the material** (layered products B32B)
- 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**
- 3/02 • 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)
  - 3/12 • Sandals; Strap guides thereon
  - 3/14 • Moccasins, opanken, or like shoes
  - 3/16 • Overshoes
  - 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
  - 3/26 • Footwear adjustable as to length or size
  - 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 15/00)
- 5/02 • Football boots
  - 5/04 • Ski boots; Similar boots
  - 5/06 • Running boots
  - 5/08 • Bathing shoes
  - 5/10 • Tennis shoes
  - 5/12 • Dancing shoes
  - 5/14 • Shoes for cyclists
  - 5/16 • Skating boots

- 5/18 • Attachable overshoes for sporting purposes
- 7/00 Footwear with health or hygienic arrangements**
- 7/02 • Footwear with heating arrangements (footwarmers A61F 7/08; electric heating elements H05B)
  - 7/04 • • Footwear with electric batteries, generators, or the like
  - 7/06 • Ventilated footwear
  - 7/08 • • Footwear with air-holes, with or without closures
  - 7/10 • • • with closable air-slots near the waist
  - 7/12 • Special watertight footwear (overshoes A43B 3/16)
  - 7/14 • Footwear with foot-supporting parts
  - 7/16 • • Footwear with elevated heel parts inside
  - 7/18 • • Joint supports, e.g. instep supports
  - 7/19 • • • engaging the ground directly
  - 7/20 • • • Ankle-joint supports or holders
  - 7/22 • • Footwear with fixed flat-foot insertions, metatarsal supports, ankle flaps, or the like (orthopaedic insertions A61F 5/14)
  - 7/24 • • Insertions or cap supports preventing the foot canting to one side
  - 7/26 • • Footwear with toe-spacers or toe-spreaders
  - 7/28 • • Adapting the inner sole of the shoe to the sole of the foot
  - 7/30 • • Protecting the ball-joint against pressure while standing
  - 7/32 • Footwear with shock-absorbing means (resilient soles A43B 13/18)
  - 7/34 • Footwear with protection against heat or cold
  - 7/36 • with earthing or grounding means
  - 7/38 • Elevating, i.e. height increasing, footwear (with elevated heel parts inside A43B 7/16; lengthening pieces for natural legs A61F 3/00; orthopaedic insertions for conventional shoes A61F 5/14) [2]

- 9/00 Footwear characterised by the assembling of the individual parts**
- 9/02 • Footwear stitched or nailed through
  - 9/04 • Welted footwear (welts A43B 15/00)
  - 9/06 • • stitched or nailed through
  - 9/08 • Turned footwear
  - 9/10 • Footwear with out-turned uppers
  - 9/12 • Stuck or cemented footwear
  - 9/14 • Platform shoes

## A43B

- 9/16 • Footwear with soles moulded on to uppers or welded on to uppers without adhesive
- 9/18 • • moulded [6]
- 9/20 • • welded
- 11/00 Footwear with arrangements to facilitate putting-on or removing, e.g. with straps**
- 11/02 • with built-in shoe-horns

### Parts of footwear

- 13/00 Soles (socks A43B 17/00); Sole and heel units**
- 13/02 • characterised by the material
- 13/04 • • plastics, rubber or vulcanised fibre
- 13/08 • • wood
- 13/10 • • metal
- 13/12 • • Soles with several layers of different materials
- 13/14 • characterised by the constructive form
- 13/16 • • Pieced soles (with several layers of different material A43B 13/12)
- 13/18 • • Resilient soles
- 13/20 • • • Pneumatic soles
- 13/22 • • Soles made slip-preventing or wear-resisting, e.g. by impregnation or spreading a wear-resisting layer
- 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 21/52)
- 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 • Insoles
- 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 Socks (hosiery A41B 11/00; special medical insertions for shoes A61F 5/14)**
- 17/02 • Wedge-like or resilient socks or sock parts
- 17/03 • • pneumatic
- 17/04 • with metal insertions or coverings
- 17/06 • with metal springs
- 17/08 • Ventilated socks
- 17/10 • for sweaty feet; Waterproof socks
- 17/12 • Wooden socks
- 17/14 • made of sponge, rubber, or plastic materials
- 17/16 • with heel or toe caps
- 17/18 • Arrangements for attaching socks to the footwear

### **19/00 Shoe-shaped inserts; Inserts covering the instep**

- 21/00 Heels; Top-pieces**
- 21/02 • characterised by the material

- 21/03 • • wood
- 21/04 • • leather
- 21/06 • • rubber
- 21/08 • • • combined hard and soft rubber
- 21/10 • • • Expansible top-pieces
- 21/12 • • • Tread surfaces with suction cavities
- 21/14 • • • Heels or top-pieces made of rubber waste
- 21/16 • • • with non-rubber insertions in the tread surface
- 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
- 21/28 • • • Pneumatic heels
- 21/30 • • Heels with metal springs
- 21/32 • • Resilient supports for the heel of the foot
- 21/34 • • Hollow metal heels with interchangeable top-pieces
- 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 and groove
- 21/40 • • • by dovetail
- 21/42 • • Heels with replaceable or adjustable parts
- 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 catches or the like
- 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
- 23/04 • • Uppers made of one piece; Uppers with inserted gussets
- 23/06 • • Waterproof legs
- 23/07 • Linings therefor
- 23/08 • Heel stiffeners; Toe stiffeners (footwear with sock-absorbing means A43B 7/32)
- 23/10 • • made of metal
- 23/14 • • made of leather
- 23/16 • • made of impregnated fabrics, plastics or the like
- 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)
- 23/24 • 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