

# CPC COOPERATIVE PATENT CLASSIFICATION

## A HUMAN NECESSITIES

### PERSONAL OR DOMESTIC ARTICLES

#### A43 FOOTWEAR

#### A43C FASTENINGS OR ATTACHMENTS OF FOOTWEAR; LACES IN GENERAL

##### WARNING

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.

- |              |  |         |  |
|--------------|--|---------|--|
| <b>1/00</b>  | <b>Shoe lacing fastenings</b> ( <a href="#">garment fastening devices A41F</a> )   | 11/06   | . Snap-button fastenings   |
| 1/003        | . {Zone lacing, i.e. whereby different zones of the footwear have different lacing tightening degrees, using one or a plurality of laces ( <a href="#">laces combined with another system A43C 11/008</a> ; <a href="#">zone tightening using straps A43C 11/14</a> )} | 11/08   | . Hook fastenings; Rotary hooks  |
|              |  | 11/10   | . . Hooks with several tongues   |
|              |  | 11/12   | . Slide or glide fastenings  |
| 1/006        | . {Rear lacing, i.e. with a lace placed on the back of the foot in place of, or in addition to the traditional front lace}   | 11/14   | . Clamp fastenings {, e.g. <a href="#">strap fastenings</a> }; Clamp-buckle fastenings; Fastenings with toggle levers                |
| 1/02         | . with elastic laces   | 11/1406 | . . {Fastenings with toggle levers; Equipment therefor}  |
| 1/04         | . with rings or loops  | 11/1413 | . . . {Equipment for fastening toggle lever fastenings}  |
| 1/06         | . tightened by draw-strings  | 11/142  | . . . {Fastenings with toggle levers with adjustment means provided for on the shoe, e.g. rack}                                      |
| <b>3/00</b>  | <b>Hooks for laces</b> ( <a href="#">making from sheet metal B21D 53/46</a> ); <b>Guards for hooks</b>   | 11/1426 | . . . . {characterised by the attachment of the rack to the footwear}  |
| 3/02         | . Lacing-hooks with guide rollers  | 11/1433 | . . . . {characterised by means to decrease required force for the closure movement of the toggle lever}                             |
| 3/04         | . Spring safety-hooks  | 11/144  | . . . . {characterised by means to retain the preferred position on the rack when the fastening means are in the loosened position}  |
| <b>5/00</b>  | <b>Eyelets</b> ( <a href="#">machines for setting eyelets A43D 100/00</a> )  | 11/1446 | . . . . {characterised by special protection means to prevent damage or accidental loosening of the fastening means}                 |
| <b>7/00</b>  | <b>Holding-devices for laces</b>   | 11/1453 | . . . . {characterised by the shape of the teeth on the rack}  |
| 7/005        | . {the devices having means to hold the traditional knots or part of it tightened}   | 11/146  | . . . {Fastenings with toggle levers with adjustment means provided for on the strap, e.g. ratchet strap}                            |
| 7/02         | . Flaps; Pockets   | 11/1466 | . . . . {characterised by means to decrease required force for the closure movement of the toggle lever}                             |
| 7/04         | . Hinged devices   | 11/1473 | . . . . {characterised by means to retain the preferred position on the strap when the fastening means are in the loosened position} |
| 7/06         | . Elastic bands  | 11/148  | . . . . {characterised by special protection means to prevent damage or accidental loosening of the fastening means}                 |
| 7/08         | . Clamps drawn tight by laces  | 11/1486 | . . . . {characterised by the shape of the teeth on the ratchet strap}   |
| <b>9/00</b>  | <b>Laces; Laces in general for garments made of textiles, leather, or plastics</b>   | 11/1493 | . . {Strap fastenings having hook and loop-type fastening elements}  |
| 9/02         | . provided with tags, buttons, or decorative tufts   | 11/16   | . Fastenings secured by wire, bolts, or the like   |
| 9/04         | . Forming ends of laces of plastics, celluloid, rubber, or the like  | 11/165  | . . {characterised by a spool, reel or pulley for winding up cables, laces or straps by rotation}                                    |
| 9/06         | . Releasable ends of laces   | 11/18   | . Fastenings of the lazy-tongs type  |
| 9/08         | . made of paper or wire  |         |  |
| <b>11/00</b> | <b>Other fastenings specially adapted for shoes</b> ( <a href="#">dress fastenings in general A44B</a> )   |         |  |
| 11/002       | . {Fastenings using stretchable material attached to cuts in the uppers}   |         |  |
| 11/004       | . {Fastenings fixed along the upper edges of the uppers}   |         |  |
| 11/006       | . . {Elastic fastenings}   |         |  |
| 11/008       | . {Combined fastenings, e.g. to accelerate undoing or fastening}   |         |  |
| 11/02        | . Button fastenings  |         |  |
| 11/04        | . . Studs; Fastening same  |         |  |

- 11/20 . Fastenings with tightening devices mounted on the tongue
- 11/22 . Fastening devices with elastic tightening parts between pairs of eyelets, e.g. clamps, springs, bands
- 11/24 . Ornamental buckles or other ornaments for shoes, with fastening function ([buckles in general A44B 11/00](#))

#### **13/00 Wear-resisting attachments**

- 13/02 . Metal plates for soles or heels
- 13/04 . Cleats; Simple studs; Screws; Hob-nails
- 13/06 . Attachments for edges of soles, especially for ski boots
  - . . with rubber, plastics, leather, felt or like parts
  - . . made from wire
- 13/12 . Releasable protecting-soles of metal ([soles of metal A43B 3/10](#))
- 13/14 . Special attachments for toe-caps; Protecting caps for toe-caps

#### **15/00 Non-skid devices or attachments ([apparatus for climbing poles, trees, or the like A63B 27/00](#))**

- 15/005 . {Nails, pins}
- 15/02 . attached to the sole
- 15/04 . attached to the heel
- 15/06 . Ice-gripping devices or attachments, e.g. ice-spurs, ice-cleats, ice-creepers, crampons; Climbing devices or attachments, e.g. mountain climbing irons ([A43C 15/09 takes precedence; ice-spurs for horseshoes A01L 7/08](#))
  - 15/061 . . {Ice-gripping devices or attachments, e.g. ice-cleats, ice-creepers}
  - 15/063 . . . {with ice-gripping means projecting from the front foot region}
  - 15/065 . . . {with ice-gripping means projecting from the region directly in front of the heel}
  - 15/066 . . . {with ice-gripping means projecting from the heel area, e.g. ice spurs}
  - 15/068 . . {Climbing devices or attachments, e.g. glacier crampons, mountain climbing irons}
  - 15/08 . . Reversible ice-spikes
  - 15/09 . Equipment associated with footwear for walking on inclines to compensate for angle of inclination
  - 15/10 . Non-skid attachments made of wire, chain, or other meshed material
  - 15/12 . Small releasable non-slip straps
  - 15/14 . with outwardly-movable spikes
  - 15/16 . Studs {or cleats} for football or like boots
    - 15/161 . . {characterised by the attachment to the sole}
    - 15/162 . . {characterised by the shape}
      - 15/164 . . . {having a circular cross section}
      - 15/165 . . . . {pointed or conical, e.g. calks, spikes, pins}
      - 15/167 . . . . {frusto-conical or cylindrical}
    - 15/168 . . {with resilient means, e.g. shock absorbing means}
  - 15/18 . Serrated grips

#### **17/00 Spurs**

- 17/02 . Spurs; Means for fastening spurs
- 17/04 . Releasable spur fastenings
- 17/06 . Collapsible spurs

#### **19/00 Attachments for footwear, not provided for in other groups of this subclass**