

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.

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|--------------|--|---------|--|
| 1/00 | Shoe lacing fastenings (garment fastening devices A41F) | 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 (laces combined with another system A43C 11/008 ; zone tightening using straps A43C 11/14)} | 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. strap fastenings }; 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} |
| 3/00 | Hooks for laces (making from sheet metal B21D 53/46); Guards for hooks | 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} |
| 5/00 | Eyelets (machines for setting eyelets A43D 100/00) | 11/1446 | {characterised by special protection means to prevent damage or accidental loosening of the fastening means} |
| 7/00 | Holding-devices for laces | 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} |
| 9/00 | Laces; Laces in general for garments made of textiles, leather, or plastics | 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 | | |
| 11/00 | Other fastenings specially adapted for shoes (dress fastenings in general A44B) | | |
| 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