

CPC COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

PERSONAL OR DOMESTIC ARTICLES

A43 FOOTWEAR

A43C FASTENINGS OR ATTACHMENTS OF FOOTWEAR; LACES IN GENERAL

1/00	Shoe lacing fastenings (garment fastening devices A41F)	11/14	. Clamp fastenings {, e.g. strap fastenings}; Clamp-buckle fastenings; Fastenings with toggle levers
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)}	11/1406	. . {Fastenings with toggle levers; Equipment therefor}
		11/1413	. . . {Equipment for fastening toggle lever 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}	11/142	. . . {Fastenings with toggle levers with adjustment means provided for on the shoe, e.g. rack}
1/02	. with elastic laces	11/1426 {characterised by the attachment of the rack to the footwear}
1/04	. with rings or loops	11/1433 {characterised by means to decrease required force for the closure movement of the toggle lever}
1/06	. tightened by draw-strings	11/144 {characterised by means to retain the preferred position on the rack when the fastening means are in the loosened position}
3/00	Hooks for laces (making from sheet metal B21D 53/46); Guards for hooks	11/1446 {characterised by special protection means to prevent damage or accidental loosening of the fastening means}
3/02	. Lacing-hooks with guide rollers	11/1453 {characterised by the shape of the teeth on the rack}
3/04	. Spring safety-hooks	11/146	. . . {Fastenings with toggle levers with adjustment means provided for on the strap, e.g. ratchet strap}
5/00	Eyelets (machines for setting eyelets A43D 100/00)	11/1466 {characterised by means to decrease required force for the closure movement of the toggle lever}
7/00	Holding-devices for laces	11/1473 {characterised by means to retain the preferred position on the strap when the fastening means are in the loosened position}
7/005	. {the devices having means to hold the traditional knots or part of it tightened}	11/148 {characterised by special protection means to prevent damage or accidental loosening of the fastening means}
7/02	. Flaps; Pockets	11/1486 {characterised by the shape of the teeth on the ratchet strap}
7/04	. Hinged devices	11/1493	. . {Strap fastenings having hook and loop-type fastening elements}
7/06	. Elastic bands	11/16	. Fastenings secured by wire, bolts, or the like
7/08	. Clamps drawn tight by laces	11/165	. . {characterised by a spool, reel or pulley for winding up cables, laces or straps by rotation}
9/00	Laces; Laces in general for garments made of textiles, leather, or plastics	11/18	. Fastenings of the lazy-tongs type
9/02	. provided with tags, buttons, or decorative tufts	11/20	. Fastenings with tightening devices mounted on the tongue
9/04	. Forming ends of laces of plastics, celluloid, rubber, or the like	11/22	. Fastening devices with elastic tightening parts between pairs of eyelets, e.g. clamps, springs, bands
9/06	. Releasable ends of laces	11/24	. Ornamental buckles or other ornaments for shoes, with fastening function (buckles in general A44B 11/00)
9/08	. made of paper or wire	13/00	Wear-resisting attachments
11/00	Other fastenings specially adapted for shoes (dress fastenings in general A44B)	13/02	. Metal plates for soles or heels
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		
11/06	. Snap-button fastenings		
11/08	. Hook fastenings; Rotary hooks		
11/10	. . Hooks with several tongues		
11/12	. Slide or glide fastenings		

A43C

- 13/04 . Cleats; Simple studs; Screws; Hob-nails
- 13/06 . Attachments for edges of soles, especially for ski boots
- 13/08 . . with rubber, plastics, leather, felt or like parts
- 13/10 . . 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**