

# CPC COOPERATIVE PATENT CLASSIFICATION

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

<b>1/00</b>	<b>Shoe lacing fastenings</b> ( <a href="#">garment fastening devices A41F</a> )	11/142	. . . {Fastenings with toggle levers with adjustment means provided for on the shoe, e.g. rack }
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> ) }	11/1426	. . . . {characterised by the attachment of the rack to the footwear }
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 }	11/1433	. . . . {characterised by means to decrease required force for the closure movement of the toggle lever }
1/02	. with elastic laces	11/144	. . . . {characterised by means to retain the preferred position on the rack when the fastening means are in the loosened position }
1/04	. with rings or loops	11/1446	. . . . {characterised by special protection means to prevent damage or accidental loosening of the fastening means }
1/06	. tightened by draw-strings	11/1453	. . . . {characterised by the shape of the teeth on the 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>	11/146	. . . {Fastenings with toggle levers with adjustment means provided for on the strap, e.g. ratchet strap }
3/02	. Lacing-hooks with guide rollers	11/1466	. . . . {characterised by means to decrease required force for the closure movement of the toggle lever }
3/04	. Spring safety-hooks	11/1473	. . . . {characterised by means to retain the preferred position on the strap 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> )	11/148	. . . . {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>	11/1486	. . . . {characterised by the shape of the teeth on the ratchet strap }
7/005	. {the devices having means to hold the traditional knots or part of it tightened }	11/1493	. . {Strap fastenings having hook and loop-type fastening elements }
7/02	. Flaps; Pockets	11/16	. Fastenings secured by wire, bolts, or the like
7/04	. Hinged devices	11/165	. . {characterised by a spool, reel or pulley for winding up cables, laces or straps by rotation }
7/06	. Elastic bands	11/18	. Fastenings of the lazy-tongs type
7/08	. Clamps drawn tight by laces	11/20	. Fastenings with tightening devices mounted on the tongue
<b>9/00</b>	<b>Laces; Laces in general for garments made of textiles, leather, or plastics</b>	11/22	. Fastening devices with elastic tightening parts between pairs of eyelets, e.g. clamps, springs, bands
9/02	. provided with tags, buttons, or decorative tufts	11/24	. Ornamental buckles or other ornaments for shoes, with fastening function ( <a href="#">buckles in general A44B 11/00</a> )
9/04	. Forming ends of laces of plastics, celluloid, rubber, or the like		
9/06	. Releasable ends of laces		
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> )	<b>13/00</b>	<b>Wear-resisting attachments</b>
11/002	. {Fastenings using stretchable material attached to cuts in the uppers }	13/02	. Metal plates for soles or heels
11/004	. {Fastenings fixed along the upper edges of the uppers }	13/04	. Cleats; Simple studs; Screws; Hob-nails
11/006	. . {Elastic fastenings }	13/06	. Attachments for edges of soles, especially for ski boots
11/008	. {Combined fastenings, e.g. to accelerate undoing or fastening }	13/08	. . with rubber, plastics, leather, felt or like parts
11/02	. Button fastenings	13/10	. . made from wire
11/04	. . Studs; Fastening same	13/12	. Releasable protecting-soles of metal ( <a href="#">soles of metal A43B 3/10</a> )
11/06	. Snap-button fastenings	13/14	. Special attachments for toe-caps; Protecting caps for toe-caps
11/08	. Hook fastenings; Rotary hooks		
11/10	. . Hooks with several tongues	<b>15/00</b>	<b>Non-skid devices or attachments</b> ( <a href="#">apparatus for climbing poles, trees, or the like A63B 27/00</a> )
11/12	. Slide or glide fastenings	15/005	. {Nails, pins }
11/14	. Clamp fastenings, {e.g. <a href="#">strap fastenings</a> }; Clamp-buckle fastenings; Fastenings with toggle levers	15/02	. attached to the sole
11/1406	. . {Fastenings with toggle levers; Equipment therefor }		
11/1413	. . . {Equipment for fastening toggle lever fastenings }		

- 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**