

CPC**COOPERATIVE PATENT CLASSIFICATION****A43C****FASTENINGS OR ATTACHMENTS OF FOOTWEAR; LACES IN GENERAL****A43C 1/00****Shoe lacing fastenings** ([garment fastening devices A41F](#))

A43C 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](#))}

A43C 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}

A43C 1/02

- . with elastic laces

A43C 1/04

- . with rings or loops

A43C 1/06

- . tightened by draw-strings

A43C 3/00**Hooks for laces** ([making from sheet metal B21D 53/46](#)); **Guards for hooks**

A43C 3/02

- . Lacing-hooks with guide rollers

A43C 3/04

- . Spring safety-hooks

A43C 5/00**Eyelets** ([machines for setting eyelets A43D 100/00](#))**A43C 7/00****Holding-devices for laces**

A43C 7/005

- . {the devices having means to hold the traditional knots or part of it tightened}

A43C 7/02

- . Flaps; Pockets

A43C 7/04

- . Hinged devices

A43C 7/06

- . Elastic bands

A43C 7/08

- . Clamps drawn tight by laces

A43C 9/00**Laces; Laces in general for garments made of textiles, leather, or plastics**

A43C 9/02

- . provided with tags, buttons, or decorative tufts

A43C 9/04

- . Forming ends of laces of plastics, celluloid, rubber, or the like

A43C 9/06

- . Releasable ends of laces

A43C 9/08

- . made of paper or wire

A43C 11/00**Other fastenings specially adapted for shoes** ([dress fastenings in general A44B](#))

A43C 11/002

- . {Fastenings using stretchable material attached to cuts in the uppers}

A43C 11/004

- . {Fastenings fixed along the upper edges of the uppers}

A43C 11/006

- . . {Elastic fastenings}

A43C 11/008

- . {Combined fastenings, e.g. to accelerate undoing or fastening}

A43C 11/02

- . Button fastenings

A43C 11/04

- . . Studs; Fastening same

A43C 11/06

- . Snap-button fastenings

- A43C 11/08 . Hook fastenings; Rotary hooks
- A43C 11/10 . . Hooks with several tongues
- A43C 11/12 . Slide or glide fastenings
- A43C 11/14 . Clamp fastenings, {e.g. strap fastenings}; Clamp-buckle fastenings; Fastenings with toggle levers
- A43C 11/1406 . . {Fastenings with toggle levers; Equipment therefor}
- A43C 11/1413 . . . {Equipment for fastening toggle lever fastenings}
- A43C 11/142 . . . {Fastenings with toggle levers with adjustment means provided for on the shoe, e.g. rack}
- A43C 11/1426 {characterised by the attachment of the rack to the footwear}
- A43C 11/1433 {characterised by means to decrease required force for the closure movement of the toggle lever}
- A43C 11/144 {characterised by means to retain the preferred position on the rack when the fastening means are in the loosened position}
- A43C 11/1446 {characterised by special protection means to prevent damage or accidental loosening of the fastening means}
- A43C 11/1453 {characterised by the shape of the teeth on the rack}
- A43C 11/146 . . . {Fastenings with toggle levers with adjustment means provided for on the strap, e.g. ratchet strap}
- A43C 11/1466 {characterised by means to decrease required force for the closure movement of the toggle lever}
- A43C 11/1473 {characterised by means to retain the preferred position on the strap when the fastening means are in the loosened position}
- A43C 11/148 {characterised by special protection means to prevent damage or accidental loosening of the fastening means}
- A43C 11/1486 {characterised by the shape of the teeth on the ratchet strap}
- A43C 11/1493 . . {Strap fastenings having hook and loop-type fastening elements}
- A43C 11/16 . Fastenings secured by wire, bolts, or the like
- A43C 11/165 . . {characterised by a spool, reel or pulley for winding up cables, laces or straps by rotation}
- A43C 11/18 . Fastenings of the lazy-tongs type
- A43C 11/20 . Fastenings with tightening devices mounted on the tongue
- A43C 11/22 . Fastening devices with elastic tightening parts between pairs of eyelets, e.g. clamps, springs, bands
- A43C 11/24 . Ornamental buckles or other ornaments for shoes, with fastening function ([buckles in general A44B 11/00](#))
- A43C 13/00** **Wear-resisting attachments**
- A43C 13/02 . Metal plates for soles or heels
- A43C 13/04 . Cleats; Simple studs; Screws; Hob-nails
- A43C 13/06 . Attachments for edges of soles, especially for ski boots
- A43C 13/08 . . with rubber, plastics, leather, felt or like parts
- A43C 13/10 . . made from wire
- A43C 13/12 . Releasable protecting-soles of metal ([soles of metal A43B 3/10](#))

A43C 13/14	. Special attachments for toe-caps; Protecting caps for toe-caps
A43C 15/00	Non-skid devices or attachments (apparatus for climbing poles, trees, or the like A63B 27/00)
A43C 15/005	. {Nails, pins}
A43C 15/02	. attached to the sole
A43C 15/04	. attached to the heel
A43C 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)
A43C 15/061	.. {Ice-gripping devices or attachments, e.g. ice-cleats, ice-creepers}
A43C 15/063	... {with ice-gripping means projecting from the front foot region}
A43C 15/065	... {with ice-gripping means projecting from the region directly in front of the heel}
A43C 15/066	... {with ice-gripping means projecting from the heel area, e.g. ice spurs}
A43C 15/068	.. {Climbing devices or attachments, e.g. glacier crampons, mountain climbing irons}
A43C 15/08	.. Reversible ice-spikes
A43C 15/09	. Equipment associated with footwear for walking on inclines to compensate for angle of inclination
A43C 15/10	. Non-skid attachments made of wire, chain, or other meshed material
A43C 15/12	. Small releasable non-slip straps
A43C 15/14	. with outwardly-movable spikes
A43C 15/16	. Studs {or cleats} for football or like boots
A43C 15/161	.. {characterised by the attachment to the sole}
A43C 15/162	.. {characterised by the shape}
A43C 15/164	... {having a circular cross section}
A43C 15/165 {pointed or conical, e.g. calks, spikes, pins}
A43C 15/167 {frusto-conical or cylindrical}
A43C 15/168	.. {with resilient means, e.g. shock absorbing means}
A43C 15/18	. Serrated grips
A43C 17/00	Spurs
A43C 17/02	. Spurs; Means for fastening spurs
A43C 17/04	. Releasable spur fastenings
A43C 17/06	. Collapsible spurs
A43C 19/00	Attachments for footwear, not provided for in other groups of this subclass