

**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	<ul style="list-style-type: none"> <li>Special attachments for toe-caps; Protecting caps for toe-caps</li> </ul>
<b>A43C 15/00</b>	<b>Non-skid devices or attachments</b> ( <a href="#">apparatus for climbing poles, trees, or the like A63B 27/00</a> )
A43C 15/005	<ul style="list-style-type: none"> <li><a href="#">{Nails, pins}</a></li> </ul>
A43C 15/02	<ul style="list-style-type: none"> <li>attached to the sole</li> </ul>
A43C 15/04	<ul style="list-style-type: none"> <li>attached to the heel</li> </ul>
A43C 15/06	<ul style="list-style-type: none"> <li>Ice-gripping devices or attachments, e.g. ice-spurs, ice-cleats, ice-creepers, crampons; Climbing devices or attachments e.g. mountain climbing irons (<a href="#">A43C 15/09 takes precedence; ice-spurs for horseshoes A01L 7/08</a>)</li> </ul>
A43C 15/061	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><a href="#">{Ice-gripping devices or attachments, e.g. ice-cleats, ice-creepers}</a></li> </ul> </li> </ul>
A43C 15/063	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><a href="#">{with ice-gripping means projecting from the front foot region}</a></li> </ul> </li> </ul> </li> </ul>
A43C 15/065	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><a href="#">{with ice-gripping means projecting from the region directly in front of the heel}</a></li> </ul> </li> </ul> </li> </ul>
A43C 15/066	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><a href="#">{with ice-gripping means projecting from the heel area, e.g. ice spurs}</a></li> </ul> </li> </ul> </li> </ul>
A43C 15/068	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><a href="#">{Climbing devices or attachments, e.g. glacier crampons, mountain climbing irons}</a></li> </ul> </li> </ul>
A43C 15/08	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Reversible ice-spikes</li> </ul> </li> </ul>
A43C 15/09	<ul style="list-style-type: none"> <li>Equipment associated with footwear for walking on inclines to compensate for angle of inclination</li> </ul>
A43C 15/10	<ul style="list-style-type: none"> <li>Non-skid attachments made of wire, chain, or other meshed material</li> </ul>
A43C 15/12	<ul style="list-style-type: none"> <li>Small releasable non-slip straps</li> </ul>
A43C 15/14	<ul style="list-style-type: none"> <li>with outwardly-movable spikes</li> </ul>
A43C 15/16	<ul style="list-style-type: none"> <li>Studs <a href="#">{or cleats}</a> for football or like boots</li> </ul>
A43C 15/161	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><a href="#">{characterised by the attachment to the sole}</a></li> </ul> </li> </ul>
A43C 15/162	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><a href="#">{characterised by the shape}</a></li> </ul> </li> </ul>
A43C 15/164	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><a href="#">{having a circular cross section}</a></li> </ul> </li> </ul> </li> </ul>
A43C 15/165	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><a href="#">{pointed or conical, e.g. calks, spikes, pins}</a></li> </ul> </li> </ul> </li> </ul> </li> </ul>
A43C 15/167	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><a href="#">{frusto-conical or cylindrical}</a></li> </ul> </li> </ul> </li> </ul> </li> </ul>
A43C 15/168	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><a href="#">{with resilient means, e.g. shock absorbing means}</a></li> </ul> </li> </ul>
A43C 15/18	<ul style="list-style-type: none"> <li>Serrated grips</li> </ul>
<b>A43C 17/00</b>	<b>Spurs</b>
A43C 17/02	<ul style="list-style-type: none"> <li>Spurs; Means for fastening spurs</li> </ul>
A43C 17/04	<ul style="list-style-type: none"> <li>Releasable spur fastenings</li> </ul>
A43C 17/06	<ul style="list-style-type: none"> <li>Collapsible spurs</li> </ul>
<b>A43C 19/00</b>	<b>Attachments for footwear, not provided for in other groups of this subclass</b>