

Title (en)
Lever fastening device for sports footwear

Title (de)
Hebelverschlussvorrichtung für Sportschuhe

Title (fr)
Dispositif de fixation à levier pour chaussure de sports

Publication
EP 2210515 A1 20100728 (EN)

Application
EP 10151008 A 20100118

Priority
IT VE20090008 A 20090127

Abstract (en)
A lever fastening device in particular for sports footwear, comprising a U-shaped lever arm (12) hinged to one side of the vamp and a puller (34) secured to the lever arm and having its end selectively engagable in one of the teeth (38) of a rack (49) secured to the other side of the vamp, characterised by comprising: - a plate (18), one end of which is hinged to the puller (18) and has two sidepieces provided with facing slotted holes (16), the lower surface of the other end comprising a toothed portion (20) with teeth inclined towards the end hinged to the puller, - a transverse pin (14), positioned between the prongs of the lever arm (12) and slidable within said slotted holes (16), - a toothed pawl (22) provided with an operating arm (26) and hinged about said pin (14) to cooperate with said toothed portion (20), - first elastic means maintaining said toothed pawl (22) engaged with said toothed portion (20), - second elastic means maintaining said plate (18), said pawl (22) and said lever (12) substantially in contact with the side of the vamp.

IPC 8 full level
A43C 11/14 (2006.01)

CPC (source: EP)
A43C 11/142 (2013.01); **A43C 11/1473** (2013.01)

Citation (search report)
• [A] DE 29704500 U1 19970424 - LANGE INT SA [CH]
• [A] EP 0134618 A1 19850320 - LANGE INT SA [CH]
• [A] FR 2760329 A1 19980911 - LANGE INT SA [CH]
• [A] EP 0401202 A2 19901205 - KOEFLACH SPORTGERAETE GMBH [AT]

Cited by
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

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