

Title (en)
Loop for laces with rapid lace disengagement

Title (de)
Schlaufe für Schnürsenkel mit schnellem Ausklinken

Title (fr)
Boucle pour lacets avec désengagement rapide

Publication
EP 1325689 A1 20030709 (EN)

Application
EP 02028796 A 20021227

Priority
IT PD20020001 A 20020102

Abstract (en)
A loop for laces (10) with rapid lace disengagement, particularly suitable for safety shoes such as boots for building site workers, the loop comprising a base (11) to be fixed to the upper (12) of a shoe, above which a lever (13) is articulated, the lever having a hook-shaped head portion (14) for the engagement of a lace (15) and a tail portion (16) that is available to the user for rapid disengagement. The lever (13) can rotate with respect to a transverse articulation axis from a closed position, for the engagement of the lace, with the tail portion rested on the base, to an open position, for the disengagement of the lace. The articulation axis is arranged so as to generate, when the lace is pulled, a moment that always acts so as to close the lever. <IMAGE>

IPC 1-7
A43C 3/00; **A43B 11/00**

IPC 8 full level
A43B 11/00 (2006.01); **A43C 3/00** (2006.01)

CPC (source: EP)
A43B 11/00 (2013.01); **A43C 3/00** (2013.01)

Citation (applicant)
IT PD020001 A

Citation (search report)
• [X] EP 1050224 A2 20001108 - SAMMI EXPORT SRL [IT]
• [A] US 5001847 A 19910326 - WATERS WILLIAM A

Cited by
EP1566109A1; IT202200010055A1; EP1579777A1; CN100411562C

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 1325689 A1 20030709; **EP 1325689 B1 20060426**; DE 60210916 D1 20060601; DE 60210916 T2 20070118; IT PD20020001 A1 20030702

DOCDB simple family (application)
EP 02028796 A 20021227; DE 60210916 T 20021227; IT PD20020001 A 20020102