

Title (en)

DETACHABLE DEVICE FOR REMOVING THE NEED FOR BOWS AND FOR BLOCKING LACES

Title (de)

ABNEHMBARE VORRICHTUNG ZUR BESEITIGUNG VON SCHLEIFEN UND ZUR BLOCKIERUNG VON SCHNÜRSSENKELN

Title (fr)

DISPOSITIF AMOVIBLE POUR ÉLIMINER LA BOUCLE DES LACETS ET POUR BLOQUER LES LACETS

Publication

EP 3220767 A1 20170927 (FR)

Application

EP 15795191 A 20151118

Priority

- FR 1402577 A 20141118
- EP 2015076913 W 20151118

Abstract (en)

[origin: WO2016079162A1] The invention relates to a detachable device for removing the need for bows and for blocking shoe laces, said device consisting of two parts held together, the first part (1), a so-called lace-stop, being flat, rigid, of any shape and comprising a minimum of six holes (2, 3, 4), and the second part being a cover (5) of a suitable shape and size so as to form a cavity (7) that can enclose the ends of the laces (8) between the inner wall of the cover (5) and the lace-stop (1), the base of the cover having a shape and size suitable for fitting to the lace-stop (1) and holding onto same by means of inner grooves (6) arranged on the edge of the cover. The device generally has a maximum total thickness of 10 mm when closed.

IPC 8 full level

A43C 7/00 (2006.01); **A43C 7/02** (2006.01)

CPC (source: CN EP GB KR US)

A43C 1/06 (2013.01 - KR); **A43C 7/00** (2013.01 - CN EP GB US); **A43C 7/02** (2013.01 - CN EP GB KR US); **A43C 11/14** (2013.01 - KR)

Citation (search report)

See references of WO 2016079162A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3028390 A1 20160520; FR 3028390 B1 20171208; AU 2015348449 A1 20170706; BR 112017010368 A2 20171226; CA 2968166 A1 20160526; CN 107205522 A 20170926; DE 212015000265 U1 20170622; EP 3220767 A1 20170927; GB 201709547 D0 20170802; GB 2548291 A 20170913; IL 252387 A0 20170731; JP 2017534409 A 20171124; KR 20170098831 A 20170830; MX 2017006435 A 20180323; RU 2017121216 A 20181219; TN 2017000197 A1 20181019; US 2018310669 A1 20181101; WO 2016079162 A1 20160526; ZA 201704121 B 20180829

DOCDB simple family (application)

FR 1402577 A 20141118; AU 2015348449 A 20151118; BR 112017010368 A 20151118; CA 2968166 A 20151118; CN 201580073445 A 20151118; DE 212015000265 U 20151118; EP 15795191 A 20151118; EP 2015076913 W 20151118; GB 201709547 A 20151118; IL 25238717 A 20170518; JP 2017527661 A 20151118; KR 20177016624 A 20151118; MX 2017006435 A 20151118; RU 2017121216 A 20151118; TN 2017000197 A 20151118; US 201515528001 A 20151118; ZA 201704121 A 20170615