

Title (en)

DEVICE FOR CLOSING AND FASTENING TWO LENGTHS OF FLEXIBLE STRAPPING

Title (de)

VORRICHTUNG ZUM VERSCHLIESSEN UND BEFESTIGEN ZWEIER LÄNGEN EINER BIEGSAMEN UMREIFUNG

Title (fr)

DISPOSITIF DE FERMETURE ET DE SERRAGE POUR DEUX TRONÇONS DE BANDE SOUPLE

Publication

EP 2552270 A1 20130206 (FR)

Application

EP 11717300 A 20110328

Priority

- FR 1001253 A 20100329
- FR 2011050666 W 20110328

Abstract (en)

[origin: WO2011124816A1] The present invention relates to a device for closing and fastening two lengths of flexible strapping, particularly two end sections (15a, 15b) of flexible strapping forming a belt, the end sections being fitted with securing means. According to the invention, the securing means (1) comprise an end loop (2) to be fixed to a first length of strapping (15a), and a lateral loop (3) to engage with a second length of strapping (15b) which is to engage with the two loops (2, 3) during closing and fastening operations by being successively introduced, starting from the lateral loop (3), through the rear opening (9) in the lateral loop (3) and the front opening (8) in the same lateral loop (3) so that the second length of strapping (15b) is folded into an overall S-shape having three superposed parts (15b1, 15b2, and 15b3).

IPC 8 full level

A44B 11/02 (2006.01); **A44B 11/04** (2006.01); **A44B 11/18** (2006.01)

CPC (source: EP US)

A44B 11/04 (2013.01 - EP US); **A44B 11/18** (2013.01 - EP US); **A44B 11/25** (2013.01 - EP US); **Y10T 24/2192** (2015.01 - EP US);
Y10T 24/4086 (2015.01 - EP US); **Y10T 24/4093** (2015.01 - EP US); **Y10T 24/4736** (2015.01 - EP US); **Y10T 24/4764** (2015.01 - EP US)

Citation (search report)

See references of WO 2011124816A1

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

DOCDB simple family (publication)

FR 2957758 A1 20110930; FR 2957758 B1 20120504; BR 112012024719 A2 20160607; CA 2795000 A1 20111013; CN 102821636 A 20121212;
CN 102821636 B 20160406; EP 2552270 A1 20130206; EP 2552270 B1 20150506; HK 1180919 A1 20131101; RU 2012145862 A 20140510;
RU 2546460 C2 20150410; SG 184377 A1 20121129; US 2013055532 A1 20130307; US 9173455 B2 20151103; WO 2011124816 A1 20111013

DOCDB simple family (application)

FR 1001253 A 20100329; BR 112012024719 A 20110328; CA 2795000 A 20110328; CN 201180016605 A 20110328; EP 11717300 A 20110328;
FR 2011050666 W 20110328; HK 13108301 A 20130715; RU 2012145862 A 20110328; SG 2012072815 A 20110328;
US 201113634554 A 20110328