

Title (en)
DEVICE FOR WINDING AND RATCHET LOCKING OF A DRAWSTRING

Title (de)
AUFROLL- UND SPERRKLINKENBLOCKIERVORRICHTUNG EINES SCHNÜRBANDS

Title (fr)
DISPOSITIF D'ENROULEMENT ET DE BLOCAGE À CLIQUET D'UN LACET DE SERRAGE

Publication
EP 2965647 B1 20170517 (FR)

Application
EP 15001861 A 20150623

Priority
FR 1401529 A 20140708

Abstract (en)
[origin: US2016009524A1] The invention relates to a device for winding and locking a lace comprising a fixed support, a rotatable spool, a user-operable knob for driving the spool, and elements for blocking the spool. The blocking elements comprise at least one pawl having a retaining portion engaging at least one complementary projection of the support in the absence of a rotational force exerted by the user on the knob, a base rotationally driven when the knob rotates during loosening, a first bar carrying the retaining portion and being elastically deformable, an actuating portion carried by a second bar and away from the retaining portion, the pawl being configured so that, during loosening, the knob, via the actuating portion, disengages the retaining portion.

IPC 8 full level
A43C 11/16 (2006.01); **B65H 75/44** (2006.01)

CPC (source: EP US)
A43C 11/165 (2013.01 - EP US); **B65H 75/4431** (2013.01 - US); **B65H 75/4492** (2013.01 - US); **B65H 2701/30** (2013.01 - US); **B65H 2801/00** (2013.01 - US)

Cited by
CN108791997A; CN111115388A; FR3051334A1; US11825911B2; US11877749B2; WO2020125676A1

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)
EP 2965647 A1 20160113; **EP 2965647 B1 20170517**; FR 3023455 A1 20160115; FR 3023455 B1 20160826; TW 201609013 A 20160316; US 2016009524 A1 20160114; US 9511975 B2 20161206

DOCDB simple family (application)
EP 15001861 A 20150623; FR 1401529 A 20140708; TW 104121467 A 20150702; US 201514793125 A 20150707