

Title (en)

MANUAL DEVICE EQUIPPED WITH A LOCKING DEVICE

Title (de)

MANUELLE VORRICHTUNG MIT EINER VERRIEGELUNGSVORRICHTUNG

Title (fr)

DISPOSITIF MANUEL EQUIPE D'UN DISPOSITIF DE BLOCAGE

Publication

EP 3612399 A1 20200226 (FR)

Application

EP 18722689 A 20180418

Priority

- FR 1753386 A 20170419
- FR 2018050977 W 20180418

Abstract (en)

[origin: WO2018193213A1] A manual device (10) comprising a first portion (12) and a second portion (14), the second portion (14) being at least partially fitted into the first portion (12) and being movable in translation relative to the first portion (12), the first portion (12) having a first distal end (12A) while the second portion (14) has a second distal end (14A) opposite the first distal end (12A), and a locking device (16) designed to prevent the first portion (12) from moving in translation relative to the second portion (14) only when, considered in the direction of gravity (G), the first distal end (12A) is arranged above the second distal end (14A), the locking device (16) comprising a chamber (16B) and a ball or equivalent (16A) accommodated in the chamber (16B), the chamber being provided only in the second portion (14).

IPC 8 full level

B43K 24/08 (2006.01); **B26B 1/08** (2006.01); **B43K 29/00** (2006.01); **B43L 19/00** (2006.01)

CPC (source: EP US)

B43K 24/03 (2013.01 - US); **B43K 24/086** (2013.01 - EP); **B43K 29/00** (2013.01 - EP); **B43L 19/0075** (2013.01 - EP);
B43L 19/0081 (2013.01 - US); **B43K 24/086** (2013.01 - US)

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)

WO 2018193213 A1 20181025; AR 111645 A1 20190807; CN 110709257 A 20200117; CN 110709257 B 20220329; EP 3612399 A1 20200226; FR 3065396 A1 20181026; FR 3065396 B1 20190705; JP 2020517485 A 20200618; JP 7167047 B2 20221108; US 10967668 B2 20210406; US 11897278 B2 20240213; US 2020122500 A1 20200423; US 2021187995 A1 20210624

DOCDB simple family (application)

FR 2018050977 W 20180418; AR P180100996 A 20180419; CN 201880017973 A 20180418; EP 18722689 A 20180418;
FR 1753386 A 20170419; JP 2019548991 A 20180418; US 201816606323 A 20180418; US 202117194684 A 20210308