

Title (en)

DEVICE FOR PRESSING OUT A MATERIAL FROM A DEFORMABLE TUBE

Title (de)

VORRICHTUNG ZUM HERAUSDRÜCKEN EINES STOFFES AUS EINER VERFORMBAREN TUBE

Title (fr)

DISPOSITIF POUR EXPULSER UNE SUBSTANCE HORS D'UN TUBE DÉFORMABLE

Publication

EP 3442879 A1 20190220 (DE)

Application

EP 17716891 A 20170411

Priority

- DE 102016206084 A 20160412
- EP 2017058680 W 20170411

Abstract (en)

[origin: CA3020366A1] The invention relates to a device for pressing out a material from a deformable tube (24), comprising the following: a housing (1) having a base end (2); an upper section (3) opposite the base end (2); and lateral wall sections (4) between the base end (2) and the upper section (3); a squeezer (10) that can be introduced into the housing (1), wherein the squeezer (10) has a carrier element (11) and two opposing jaws (12) for gripping and squeezing out a material from the tube (24), wherein the housing (1) has an opening (5) in the upper section (3) through which an outlet of the tube (24) can be guided, and same has openings (8) in opposing parts of the lateral wall sections (4) via which the jaws (12) can be actuated, wherein the jaws (12) are secured to the carrier element (11) at one end and the squeezer (10) also has a manual lever element (15) on at least one jaw (12), wherein the lever element (15) is connected to the jaw (12) in a connection region (22) to form an assembly, in which a pressure manually applied to the lever element (15) brings about a force on the jaw (12) in the direction of the other jaw (12), wherein the lever element (15) has a body (16) with reinforcing ribs (17), wherein the reinforcing ribs (17) are surrounded at least partially by a closed outer skin (18), wherein a region of the outer skin (18) forms a gripping region (19).

IPC 8 full level

B65D 35/28 (2006.01); **B65B 69/00** (2006.01)

CPC (source: EP KR US)

B05B 11/048 (2013.01 - KR); **B05C 17/00583** (2013.01 - EP KR US); **B65B 69/005** (2013.01 - EP KR US); **B65D 35/28** (2013.01 - EP KR US); **B65D 35/56** (2013.01 - US); **B05B 11/048** (2013.01 - EP US); **B65D 2231/00** (2013.01 - US)

Citation (search report)

See references of WO 2017178487A1

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)

DE 102016206084 A1 20171012; **DE 102016206084 B4 20180426**; BR 112018012457 A2 20181218; BR 112018012457 B1 20220823; CA 3020366 A1 20171019; CA 3020366 C 20240116; CN 108698734 A 20181023; CN 108698734 B 20201222; EP 3442879 A1 20190220; EP 3442879 B1 20201118; ES 2842548 T3 20210714; JP 2019513642 A 20190530; JP 6957503 B2 20211102; KR 102396503 B1 20220510; KR 20180128389 A 20181203; US 10556726 B2 20200211; US 2019100356 A1 20190404; WO 2017178487 A1 20171019

DOCDB simple family (application)

DE 102016206084 A 20160412; BR 112018012457 A 20170411; CA 3020366 A 20170411; CN 201780005383 A 20170411; EP 17716891 A 20170411; EP 2017058680 W 20170411; ES 17716891 T 20170411; JP 2018553375 A 20170411; KR 20187020210 A 20170411; US 201816154099 A 20181008