

Title (en)
Handheld application unit

Title (de)
Handauftragseinheit

Title (fr)
Unité d'application manuelle

Publication
EP 2017015 A3 20100127 (DE)

Application
EP 08012471 A 20080710

Priority
DE 102007033137 A 20070717

Abstract (en)
[origin: EP2017015A2] The applicator has an eccentric screw pump arranged in a pump housing (32), which is in connection with a drive (22). A pump inlet (26) has a product feed with a flexible supply line and a pump outlet that contains an applicator nozzle (50). A rear handle (16) has a pressure sensor (20) for controlling supply of material. A stator (44) of the spiral pump is arranged between two axial clamping parts (42). The handle has a switch (18), which switches-on and switches-off the drive. A front handle (14) is provided for stabilizing the applicator in a utilization position.

IPC 8 full level
B05C 17/005 (2006.01); **B67D 99/00** (2010.01); **B67D 7/58** (2010.01); **B67D 7/80** (2010.01); **B05C 17/00** (2006.01)

CPC (source: EP US)
B05C 17/00569 (2013.01 - EP US); **B05C 17/001** (2013.01 - EP US)

Citation (search report)

- [X] US 6230936 B1 20010515 - LASKO BERNARD C [US]
- [X] GB 1560156 A 19800130 - CHARLESWORTH M J
- [X] GB 2183498 A 19870610 - HILTI AG
- [A] CA 985494 A 19760316 - HARDMAN INC
- [A] DE 1916100 A1 19701008 - DAIMLER BENZ AG
- [A] JP H03181354 A 19910807 - SHIKOKU KAKEN KOGYO KK
- [A] US 5981035 A 19991109 - ESHLEMAN J MICHAEL [US]
- [A] EP 0356588 A1 19900307 - HER WOHH JIN
- [A] DE 1509562 A1 19690612 - KEMPF WERNER, et al

Cited by
DE102018009512B3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2017015 A2 20090121; EP 2017015 A3 20100127; EP 2017015 B1 20120912; CN 201291191 Y 20090819; DE 102008003909 A1 20090226; DK 2017015 T3 20130318; PL 2017015 T3 20130228; US 2009020564 A1 20090122; US 8141752 B2 20120327

DOCDB simple family (application)
EP 08012471 A 20080710; CN 200820125966 U 20080717; DE 102008003909 A 20080110; DK 08012471 T 20080710; PL 08012471 T 20080710; US 17517908 A 20080717