

Title (en)
DISPENSER WITH TWIST LOCK

Title (de)
SPENDER MIT DREHSICHERUNG

Title (fr)
DISTRIBUTEUR AVEC VERROUILLAGE TOURNANT

Publication
EP 2593237 A1 20130522 (DE)

Application
EP 11770335 A 20110712

Priority
• DE 102010036352 A 20100712
• EP 2011003479 W 20110712

Abstract (en)
[origin: CA2804980A1] The invention relates to a dispenser (1) for dispensing liquid to pasty compositions, with a dispensing head (3), which has a dispensing mouth (30), and with a reservoir (7) and a dispenser head part (2), wherein the dispensing head (3) is movable relative to the dispenser head part (2) from a dispensing stand-by position to a lowered position and vice versa. In order to design and develop a dispenser in such a way that the dispensing mouth is oriented without relative rotation or without at least substantial relative rotation with respect to the dispenser sleeve part when the dispensing head is extended, it is proposed that the dispenser head part (2) moves the dispensing head (3) in and out only axially.

IPC 8 full level
B05B 11/00 (2006.01)

CPC (source: EP US)
B05B 11/0032 (2013.01 - EP US); **B05B 11/1021** (2023.01 - EP US); **B05B 11/1047** (2023.01 - EP US); **B05B 11/1052** (2023.01 - EP US); **B05B 11/1053** (2023.01 - EP US); **B05B 11/1059** (2023.01 - EP US); **B05B 11/1074** (2023.01 - EP US); **B05C 11/00** (2013.01 - US)

Citation (search report)
See references of WO 2012016629A1

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)
DE 102010036352 A1 20120112; BR 112013000769 A2 20160524; BR 112013000769 B1 20210209; CA 2804980 A1 20120209; CA 2804980 C 20190806; CN 103221143 A 20130724; CN 103221143 B 20161228; EP 2593237 A1 20130522; EP 2593237 B1 20160224; ES 2566165 T3 20160411; PL 2593237 T3 20160630; US 2013200107 A1 20130808; US 9010581 B2 20150421; WO 2012016629 A1 20120209

DOCDB simple family (application)
DE 102010036352 A 20100712; BR 112013000769 A 20110712; CA 2804980 A 20110712; CN 201180043308 A 20110712; EP 11770335 A 20110712; EP 2011003479 W 20110712; ES 11770335 T 20110712; PL 11770335 T 20110712; US 201113809632 A 20110712