

Title (en)
DISPENSING HEAD AND DISPENSING DEVICE

Title (de)
ABGABEKOPF UND ABGABEVORRICHTUNG

Title (fr)
TÊTE DE DISTRIBUTION ET DISPOSITIF DE DISTRIBUTION

Publication
EP 2869934 B1 20181010 (DE)

Application
EP 13741972 A 20130708

Priority
• DE 102012013352 A 20120706
• DE 102012016605 A 20120823
• EP 2013002003 W 20130708

Abstract (en)
[origin: CA2878326A1] The invention relates to a dispensing device, and to a dispensing head (6) and the use thereof. By pressing down on the dispensing head, an associated dispensing valve (4) is opened, and the product (2) to be dispensed can flow out and/or can be discharged by way of a discharge chamber (9) and a downstream dispensing valve. In order to avoid, or at least minimize, post dripping or foaming, the volume of the discharge chamber is initially reduced when the dispensing head is actuated, and once the actuation is finished, particularly after the dispensing valve is closed, is enlarged again so that the product is suctioned from the outlet, that is, the dispensing valve, back into the discharge chamber.

IPC 8 full level
B05B 11/00 (2006.01); **A45D 34/00** (2006.01); **B65D 83/20** (2006.01); **B65D 83/34** (2006.01)

CPC (source: CN EP US)
A45D 34/00 (2013.01 - US); **B05B 11/1097** (2023.01 - CN EP US); **B65D 83/205** (2013.01 - US); **B65D 83/206** (2013.01 - CN EP US);
B65D 83/345 (2013.01 - CN EP 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

DOCDB simple family (publication)
DE 102012016605 A1 20140109; AU 2013286290 A1 20150122; AU 2013286290 B2 20170824; BR 112014032939 A2 20170627;
BR 112014032939 B1 20210615; CA 2878326 A1 20140109; CA 2878326 C 20210511; CN 104507586 A 20150408; CN 104507586 B 20170419;
EP 2869934 A2 20150513; EP 2869934 B1 20181010; ES 2705013 T3 20190321; IN 10676DEN2014 A 20150828; MX 2014014853 A 20150305;
MX 349363 B 20170726; US 2015321828 A1 20151112; US 9624028 B2 20170418; WO 2014005723 A2 20140109;
WO 2014005723 A3 20140227

DOCDB simple family (application)
DE 102012016605 A 20120823; AU 2013286290 A 20130708; BR 112014032939 A 20130708; CA 2878326 A 20130708;
CN 201380035867 A 20130708; EP 13741972 A 20130708; EP 2013002003 W 20130708; ES 13741972 T 20130708;
IN 10676DEN2014 A 20141215; MX 2014014853 A 20130708; US 201314409630 A 20130708