

Title (en)  
DISPENSING DEVICE

Title (de)  
ABGABEVORRICHTUNG

Title (fr)  
DISPOSITIF DE DISTRIBUTION

Publication  
**EP 2018227 B1 20161221 (DE)**

Application  
**EP 07725025 A 20070509**

Priority  

- EP 2007004102 W 20070509
- DE 102006023114 A 20060516
- DE 102006023663 A 20060518

Abstract (en)  
[origin: WO2007131685A2] The invention relates to a dispensing device for dispensing a preferably cosmetic liquid. Said dispensing device comprises an elastic or flexible pump section which can deform in a reversable manner in order to pump the liquid. The dispensing direction is preferably opposite to the direction of actuation. Several pump chambers are preferably arranged about a central outlet valve. Said dispensing device is preferably arranged on the base of an associated container. The outlet valve or the dispensing opening is preferably only opened during the first actuation. The liquid is distributed through a preferably hollow valve element, which also forms a nozzle.

IPC 8 full level  
**B05B 11/00** (2006.01)

CPC (source: EP US)  
**B05B 11/0059** (2013.01 - EP US); **B05B 11/007** (2013.01 - EP US); **B05B 11/026** (2023.01 - EP US); **B05B 11/1032** (2023.01 - EP US); **B05B 11/1074** (2023.01 - EP US); **B05B 11/1077** (2023.01 - EP US); **B05B 11/028** (2023.01 - EP US); **B05B 11/1033** (2023.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 102006023663 A1 20071122; DE 102006023663 B4 20200702**; EP 2018227 A2 20090128; EP 2018227 B1 20161221; ES 2619611 T3 20170626; US 2009294480 A1 20091203; WO 2007131685 A2 20071122; WO 2007131685 A3 20080306

DOCDB simple family (application)  
**DE 102006023663 A 20060518**; EP 07725025 A 20070509; EP 2007004102 W 20070509; ES 07725025 T 20070509; US 30042107 A 20070509