

Title (en)
FLUID PRODUCT DISPENSING DEVICE

Title (de)
FLUIDPRODUKTABGABEVORRICHTUNG

Title (fr)
DISPOSITIF DE DISTRIBUTION DE PRODUIT FLUIDE

Publication
EP 1853337 A1 20071114 (FR)

Application
EP 06709439 A 20060125

Priority
• FR 2006050055 W 20060125
• FR 0550211 A 20050125

Abstract (en)
[origin: FR2881118A1] The dispenser for a fluid product comprises individual reservoirs containing a dose of product, a means of opening (40), a dispensing chamber (70) to receive each dose, an inhaling mouthpiece, and a deformable air chamber to assist inhalation. The deformable chamber, which has a membrane such as a bellows connected to the mouthpiece and dispensing chamber, moves the latter between rest and inhalation positions on inhalation.

IPC 8 full level
A61M 15/00 (2006.01)

CPC (source: EP US)
A61M 15/0008 (2014.02 - EP US); **A61M 15/0041** (2014.02 - EP US); **A61M 15/0045** (2013.01 - EP US); **A61M 15/0051** (2014.02 - EP US); **A61M 15/0055** (2014.02 - EP US); **A61M 15/0075** (2014.02 - EP US); **A61M 15/0078** (2014.02 - EP US); **A61M 15/0081** (2014.02 - EP US); **A61M 15/0091** (2013.01 - EP US); **A61M 15/0096** (2014.02 - EP US); **A61M 15/0086** (2013.01 - EP US); **A61M 2202/064** (2013.01 - EP US)

Citation (search report)
See references of WO 2006079747A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
FR 2881118 A1 20060728; FR 2881118 B1 20070420; CN 100548404 C 20091014; CN 101128235 A 20080220; CN 101274115 A 20081001; CN 101274115 B 20110202; EP 1853337 A1 20071114; EP 1985325 A2 20081029; EP 1985325 A3 20091028; JP 2008161696 A 20080717; JP 2008528156 A 20080731; JP 4740960 B2 20110803; JP 4763731 B2 20110831; US 2008127973 A1 20080605; US 2008163868 A1 20080710; US 7878196 B2 20110201; US 8069850 B2 20111206; WO 2006079747 A1 20060803

DOCDB simple family (application)
FR 0550211 A 20050125; CN 200680006140 A 20060125; CN 200710160105 A 20060125; EP 06709439 A 20060125; EP 08103109 A 20060125; FR 2006050055 W 20060125; JP 2007552694 A 20060125; JP 2008020413 A 20080131; US 2759808 A 20080207; US 79598506 A 20060125