

Title (en)
FLUID PRODUCT DISPENSING DEVICE

Title (de)
SPENDER FÜR EIN FLÜSSIGPRODUKT

Title (fr)
DISPOSITIF DE DISTRIBUTION DE PRODUIT FLUIDE

Publication
EP 2097337 A2 20090909 (FR)

Application
EP 07871895 A 20071210

Priority
• FR 2007052463 W 20071210
• FR 0655411 A 20061211

Abstract (en)
[origin: FR2909644A1] The device has an elongated flexible band (20) supporting a set of reservoirs (21), i.e. blisters, where each reservoir contains a dose of fluid or powdered product. A needle (30) opens the reservoirs respectively at each activation. An indexing wheel (40) displaces the band before, during and/or after each activation for allowing the reservoir to face the needle. The band has a front end (25) fixed to a reception element (50) in a band displacement direction. The element is rotatably mounted with respect to a body (10) and exerts tractive force on the band.

IPC 8 full level
B65D 83/06 (2006.01); **A61M 15/00** (2006.01)

CPC (source: EP US)
A61M 15/0036 (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 15/0091** (2013.01 - EP US); **A61M 15/0096** (2014.02 - EP US); **A61M 2202/064** (2013.01 - EP US)

Citation (search report)
See references of WO 2008084153A2

Designated contracting state (EPC)
DE FR GB IT

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FR 2909644 A1 20080613; **FR 2909644 B1 20110304**; CN 101557997 A 20091014; CN 101557997 B 20110525; CN 101563127 A 20091021; CN 101563127 B 20120111; EP 2097337 A2 20090909; JP 2010512210 A 20100422; JP 5099721 B2 20121219; US 2010319693 A1 20101223; WO 2008084153 A2 20080717; WO 2008084153 A3 20090625

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FR 0655411 A 20061211; CN 200780045744 A 20071210; CN 200780045846 A 20071210; EP 07871895 A 20071210; FR 2007052463 W 20071210; JP 2009540822 A 20071210; US 51796707 A 20071210