

Title (en)
FLUID DISPENSING DEVICE INCLUDING A PUMP

Title (de)
FLÜSSIGKEITSSPENDER MIT PUMPE

Title (fr)
DISPOSITIF DE DISTRIBUTION DE FLUIDE COMPRENANT UNE POMPE

Publication
EP 2257386 B1 20140305 (FR)

Application
EP 09757682 A 20090327

Priority
• FR 2009000358 W 20090327
• FR 0851996 A 20080327

Abstract (en)
[origin: WO2009147306A1] The fluid dispensing device of the invention includes: a pump (14) for dispensing fluid; a first arm (20) that is a so-called main arm, pivotably mounted on the device relative to an axis (34) that is a so-called main axis, said arm (20) including a bearing area (40) whereon the user bears down to actuate the pump; a second arm (44) that is a so-called intermediate arm, pivotably mounted on the main arm (20) relative to an axis (46) that is a so called intermediate axis, placed on the main arm between the bearing area (40) and the main axis (34), said intermediate arm being configured to transfer the movement from the bearing area to the pump.

IPC 8 full level
B05B 11/00 (2006.01); **A61M 11/00** (2006.01); **A61M 15/00** (2006.01); **B65D 83/16** (2006.01)

CPC (source: EP US)
B05B 11/0059 (2013.01 - EP US); **B05B 11/1056** (2023.01 - EP US); **B05B 11/1059** (2023.01 - EP US); **G05G 5/005** (2013.01 - EP US); **B05B 11/0038** (2018.07 - EP US); **B05B 11/109** (2023.01 - EP US)

Citation (examination)
WO 2005075100 A1 20050818 - GLAXO GROUP LTD [GB], et al

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
FR 2929252 A1 20091002; **FR 2929252 B1 20120203**; EP 2257386 A1 20101208; EP 2257386 B1 20140305; US 2011062186 A1 20110317; US 8517220 B2 20130827; WO 2009147306 A1 20091210

DOCDB simple family (application)
FR 0851996 A 20080327; EP 09757682 A 20090327; FR 2009000358 W 20090327; US 89141210 A 20100927