

Title (en)
FLUID PRODUCT DISPENSING DEVICE

Title (de)
SPENDER FÜR EIN FLÜSSIGPRODUKT

Title (fr)
DISPOSITIF DE DISTRIBUTION DE PRODUIT FLUIDE

Publication
EP 3471891 A2 20190424 (FR)

Application
EP 17748522 A 20170616

Priority
• FR 1655696 A 20160620
• FR 2017051585 W 20170616

Abstract (en)
[origin: WO2017220901A2] Disclosed is a fluid product dispensing device comprising a reservoir (10) that contains a fluid product, a dispenser head (20) that includes a dispensing orifice (21), dispensing means (30) for dispensing at least some of the fluid product through the dispensing orifice (21), and duct means (40) for connecting the reservoir (10) to the dispensing orifice (21) when the dispensing means (30) are actuated; the duct means (40) include a hollow needle (41) that extends into the reservoir (10) when the dispensing means (30) are actuated, said needle (41) being mounted in a needle holder (60) that is mounted in the dispenser head (20) and includes blocking means (65, 66) which, in the rest position, cooperate with the reservoir (10) in order to prevent the reservoir (10) from moving axially relative to the head (20).

IPC 8 full level
B05B 11/00 (2006.01); **A61M 11/00** (2006.01); **A61M 15/00** (2006.01); **B05B 11/02** (2006.01)

CPC (source: EP US)
B05B 11/0027 (2013.01 - EP US); **B05B 11/02** (2013.01 - EP US)

Citation (search report)
See references of WO 2017220901A2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
FR 3052690 A1 20171222; FR 3052690 B1 20180622; CN 109195710 A 20190111; CN 109195710 B 20210604; EP 3471891 A2 20190424; EP 3471891 B1 20200805; JP 2019520979 A 20190725; JP 6926201 B2 20210825; US 10456799 B2 20191029; US 2019126303 A1 20190502; WO 2017220901 A2 20171228; WO 2017220901 A3 20180301

DOCDB simple family (application)
FR 1655696 A 20160620; CN 201780032357 A 20170616; EP 17748522 A 20170616; FR 2017051585 W 20170616; JP 2019518155 A 20170616; US 201716306666 A 20170616