

Title (en)
FLUID PRODUCT DISPENSER

Title (de)
FLÜSSIGPRODUKTSPENDER

Title (fr)
DISTRIBUTEUR DE PRODUIT FLUIDE.

Publication
EP 2943287 A1 20151118 (FR)

Application
EP 14703122 A 20140109

Priority
• FR 1350257 A 20130111
• FR 2014050034 W 20140109

Abstract (en)
[origin: WO2014108641A1] A fluid product dispensing device comprising: • - a tank (1) comprising a neck (12), • - a dispensing member (2) mounted in the neck (10), the dispensing member (2) being provided with an immersion tube (23), • - a covering tube (5) enveloping said immersion tube (23), characterised in that said covering tube (5) comprises, close to the top connecting end (52) thereof, at least one ventilating window (55) of which the total passage cross-section (St) is sufficient in size to allow the fluid product to rise in the covering tube (5), when it is quickly inserted into the fluid product tank (1) in the filled state, without being significantly disturbed by the air being discharged from the covering tube (5) via said at least one ventilating window (55).

IPC 8 full level
B05B 15/00 (2006.01); **B05B 15/30** (2018.01); **B05B 15/37** (2018.01)

CPC (source: EP US)
B05B 11/0044 (2018.07 - EP US); **B05B 11/1001** (2023.01 - US); **B05B 11/1049** (2023.01 - EP US); **B05B 15/30** (2018.01 - US); **B05B 15/37** (2018.01 - EP US); **B65D 83/32** (2013.01 - EP US); **Y10T 29/49828** (2015.01 - EP US)

Citation (search report)
See references of WO 2014108641A1

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)
WO 2014108641 A1 20140717; BR 112015016596 A2 20170711; BR 112015016596 B1 20210105; EP 2943287 A1 20151118; EP 2943287 B1 20190515; ES 2738209 T3 20200120; FR 3000943 A1 20140718; FR 3000943 B1 20150213; US 10022738 B2 20180717; US 2015352573 A1 20151210

DOCDB simple family (application)
FR 2014050034 W 20140109; BR 112015016596 A 20140109; EP 14703122 A 20140109; ES 14703122 T 20140109; FR 1350257 A 20130111; US 201414759246 A 20140109