

Title (en)
FLUID-PRODUCT DISPENSER

Title (de)
SPENDER FÜR EIN FLUIDPRODUKT

Title (fr)
DISTRIBUTEUR DE PRODUIT FLUIDE

Publication
EP 2919612 B1 20170215 (FR)

Application
EP 13811586 A 20131108

Priority
• FR 1260781 A 20121113
• FR 2013052682 W 20131108

Abstract (en)
[origin: US2014131392A1] A fluid dispenser including a fluid reservoir containing fluid; a fluid suction chamber of variable volume comprising an extraction and application space that varies between a minimum volume and a maximum volume; a dip tube that connects the reservoir to the suction chamber at an orifice; suction means for sucking, during a suction stage, fluid from the reservoir into the chamber through the orifice; and an extractor and applicator member that defines, in part, the suction chamber and the suction means, and further the extraction and application space; wherein the sliding of the slidable sleeve over the stationary stem does not involve any resilient driving force.

IPC 8 full level
A45D 34/00 (2006.01); **A45D 34/04** (2006.01); **B01L 3/02** (2006.01); **B65D 77/06** (2006.01); **G01F 11/02** (2006.01)

CPC (source: CN EP US)
A45D 34/00 (2013.01 - CN EP US); **A45D 34/04** (2013.01 - CN EP US); **B05B 11/048** (2013.01 - US); **A45D 2200/054** (2013.01 - CN EP US); **A45D 2200/055** (2013.01 - CN EP US); **A45D 2200/056** (2013.01 - CN EP US)

Citation (examination)
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US 2014131392 A1 20140515; US 9289788 B2 20160322; BR 112015010765 A2 20170711; CN 104780806 A 20150715; CN 104780806 B 20180119; EP 2919612 A1 20150923; EP 2919612 B1 20170215; FR 2997935 A1 20140516; FR 2997935 B1 20150529; JP 2016503367 A 20160204; JP 6343620 B2 20180613; KR 102200245 B1 20210108; KR 20150083865 A 20150720; WO 2014076397 A1 20140522

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