

Title (en)
PUMPING DEVICE

Title (de)
PUMPENVORRICHTUNG

Title (fr)
DISPOSITIF DE POMPAGE

Publication
EP 3176432 A1 20170607 (EN)

Application
EP 15425106 A 20151203

Priority
EP 15425106 A 20151203

Abstract (en)
A pumping device comprises means for drawing and pumping (15) disposed inside a container (16) for drawing and pumping the liquid to be dosed, and comprising an injection stem (17) intended to translate inside a tubular guiding element (25); said pumping device (10) comprising a dosage chamber (19) integral with the tubular guiding element (25), and a flow control element (20) held in position by a closure plug (5) adapted to be hermetically engaged at the base of the tubular guiding elements (25) in order to close an outlet (19b) of the dosage chamber (19).

IPC 8 full level
F04B 9/10 (2006.01); **B01F 15/04** (2006.01); **F04B 13/00** (2006.01); **F04B 17/00** (2006.01); **F04B 53/22** (2006.01)

CPC (source: EP)
F04B 9/10 (2013.01); **F04B 13/00** (2013.01); **F04B 17/00** (2013.01); **F04B 53/22** (2013.01)

Citation (applicant)
EP 1832746 A2 20070912 - RAMPAZZO GIOVANNI [IT]

Citation (search report)
• [Y] GB 1395206 A 19750521 - LANG APPARATEBAU GMBH
• [Y] FR 2681646 A1 19930326 - ODY STE CIVILE RECH [FR]
• [A] DE 2456387 A1 19760812 - LANG APPARATEBAU GMBH
• [AD] EP 1832746 A2 20070912 - RAMPAZZO GIOVANNI [IT]
• [A] EP 1820966 A2 20070822 - RAMPAZZO GIOVANNI [IT]

Cited by
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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

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