

Title (en)
METERING DEVICE

Title (de)
DOSIERVORRICHTUNG

Title (fr)
DISPOSITIF DE DOSAGE

Publication
EP 2916693 A1 20150916 (DE)

Application
EP 13780158 A 20131024

Priority
• DE 102012220190 A 20121106
• EP 2013072267 W 20131024

Abstract (en)
[origin: WO2014072185A1] The invention relates to a metering device consisting of - a housing (1) for receiving an interchangeable container, said container being connected to a disposable pump (10), - an electric drive motor (6) for driving the disposable pump (10), - control means for controlling said drive motor (6) and for influencing the pump volume, - an electric current source or an electric connection for supplying energy to the electric drive motor (6) and the control means, said housing (1) additionally having a receiving portion (11) for form-fittingly retaining the disposable pump (10), - said housing (1) comprising two pivotally interconnected partial shells (7a, 7b) and - one elastic squeezing element (12a, 12b) being secured to each partial shell (7a, 7b), the interchangeable container being clamped between these, and the metering device being suitable for receiving interchangeable containers in the form of non-dimensionally stable, hanger-free tubular pouches (8).

IPC 8 full level
A47G 19/18 (2006.01); **B05B 9/08** (2006.01); **A47K 5/12** (2006.01); **B65D 83/00** (2006.01)

CPC (source: EP US)
A47G 19/183 (2013.01 - EP US); **B05B 9/0861** (2013.01 - EP US); **B05B 11/048** (2013.01 - US); **B05B 9/0838** (2013.01 - EP US)

Citation (search report)
See references of WO 2014072185A1

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)
DE 102012220190 A1 20140508; EP 2916693 A1 20150916; EP 2916693 B1 20161019; US 2015298148 A1 20151022;
US 9463482 B2 20161011; WO 2014072185 A1 20140515

DOCDB simple family (application)
DE 102012220190 A 20121106; EP 13780158 A 20131024; EP 2013072267 W 20131024; US 201314440626 A 20131024