

Title (en)
METERING DEVICE

Title (de)
DOSIERVORRICHTUNG

Title (fr)
DISPOSITIF DE DOSAGE

Publication
EP 2613888 A1 20130717 (DE)

Application
EP 11757180 A 20110909

Priority
• DE 102010045059 A 20100910
• EP 2011004558 W 20110909

Abstract (en)
[origin: CA2809047A1] The invention relates to a metering device for dispensing a metered quantity of a fluid, in which device a storage container is connected to a metering head, wherein a spindle which has a through-passage for the fluid to be conveyed is guided within the metering head.

IPC 8 full level
B05B 11/00 (2006.01); **B05B 11/02** (2006.01); **B05B 11/04** (2006.01)

CPC (source: EP KR US)
B05B 11/0064 (2013.01 - EP KR US); **B05B 11/0067** (2013.01 - EP US); **B05B 11/007** (2013.01 - EP KR US); **B05B 11/026** (2023.01 - KR); **B05B 11/1001** (2023.01 - EP KR US); **B05B 11/1046** (2023.01 - EP KR US); **B05B 11/105** (2023.01 - EP KR US); **B05B 11/1069** (2023.01 - EP KR US); **B05B 11/1074** (2023.01 - EP KR US); **B05B 11/1077** (2023.01 - EP KR US); **B65D 83/0061** (2013.01 - KR US); **B05B 11/026** (2023.01 - EP US); **B05B 11/1016** (2023.01 - EP US)

Citation (search report)
See references of WO 2012031775A1

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

DOCDB simple family (publication)
DE 102010045059 A1 20120315; CA 2809047 A1 20120315; CA 2809047 C 20200204; CN 103118801 A 20130522; CN 103118801 B 20170426; CY 1122756 T1 20210312; DK 2613888 T3 20200217; EP 2613888 A1 20130717; EP 2613888 B1 20191106; ES 2769606 T3 20200626; HR P20200176 T1 20200501; HU E047548 T2 20200428; KR 101708387 B1 20170227; KR 20140038338 A 20140328; LT 2613888 T 20200210; PL 2613888 T3 20200601; PT 2613888 T 20200219; RS 59928 B1 20200331; RU 2013113678 A 20141020; RU 2562981 C2 20150910; US 2013200110 A1 20130808; US 9415925 B2 20160816; WO 2012031775 A1 20120315; WO 2012031775 A8 20120614

DOCDB simple family (application)
DE 102010045059 A 20100910; CA 2809047 A 20110909; CN 201180043202 A 20110909; CY 201100090 T 20200203; DK 11757180 T 20110909; EP 11757180 A 20110909; EP 2011004558 W 20110909; ES 11757180 T 20110909; HR P20200176 T 20200203; HU E11757180 A 20110909; KR 20137008801 A 20110909; LT 11757180 T 20110909; PL 11757180 T 20110909; PT 11757180 T 20110909; RS P20200119 A 20110909; RU 2013113678 A 20110909; US 201313788236 A 20130307