

Title (en)
METERING AND MIXING DEVICE FOR MULTI-COMPONENT SUBSTANCES

Title (de)
DOSIER- UND MISCHVORRICHTUNG FÜR MEHRKOMPONENTENSTOFFE

Title (fr)
DISPOSITIF DE DOSAGE ET DE MÉLANGE POUR SUBSTANCES À PLUSIEURS COMPOSANTES

Publication
EP 2654972 A1 20131030 (DE)

Application
EP 11799285 A 20111221

Priority
• EP 10196972 A 20101224
• EP 2011073576 W 20111221
• EP 11799285 A 20111221

Abstract (en)
[origin: EP2468415A1] The device (1) has two cartridge receiving units (2,3) that receive interchangeable cartridges (2.1,3.1) with individual material components. The stripping units (4,5,8,9,16) expel the material components out of the cartridges through cartridge receiving unit or cartridges immersed expulsion piston. A mixing unit (7) mixes and discharges the expelled material components. A screw thread of rotary piston (11) is provided for rotation of a forward drive of the rotary piston.

IPC 8 full level
B05C 17/005 (2006.01); **B05C 17/01** (2006.01)

CPC (source: EP US)
B05C 17/00553 (2013.01 - EP US); **B05C 17/00556** (2013.01 - EP US); **B05C 17/00566** (2013.01 - EP US); **B05C 17/00576** (2013.01 - EP US); **B05C 17/00579** (2013.01 - EP US); **B05C 17/00583** (2013.01 - EP US); **B05C 17/00596** (2013.01 - EP US); **B05C 17/0103** (2013.01 - EP US); **B05C 17/012** (2013.01 - EP US); **B05C 17/0133** (2013.01 - EP US); **B65D 83/0011** (2013.01 - US)

Citation (search report)
See references of WO 2012085075A1

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)
EP 2468415 A1 20120627; AU 2011347326 A1 20130718; AU 2011347326 B2 20160728; CN 103269806 A 20130828; CN 103269806 B 20160224; DK 2654972 T3 20150413; EP 2654972 A1 20131030; EP 2654972 B1 20150121; ES 2534370 T3 20150422; JP 2014507259 A 20140327; PL 2654972 T3 20150630; US 2013277390 A1 20131024; US 9242784 B2 20160126; WO 2012085075 A1 20120628

DOCDB simple family (application)
EP 10196972 A 20101224; AU 2011347326 A 20111221; CN 201180061645 A 20111221; DK 11799285 T 20111221; EP 11799285 A 20111221; EP 2011073576 W 20111221; ES 11799285 T 20111221; JP 2013545358 A 20111221; PL 11799285 T 20111221; US 201313924884 A 20130624