

Title (en)
ADMIXTURE PIECE AND HOUSING ELEMENT FOR A MIXING DEVICE

Title (de)
BEIGABESTÜCK UND GEHÄUSEELEMENT FÜR EINE MISCH EINRICHTUNG

Title (fr)
ORGANE D'AJOUT ET ÉLÉMENT DE BOÎTIER POUR UN DISPOSITIF MÉLANGEUR

Publication
EP 2663435 A1 20131120 (DE)

Application
EP 12708691 A 20120112

Priority
• EP 11150748 A 20110112
• EP 2012050416 W 20120112
• EP 12708691 A 20120112

Abstract (en)
[origin: EP2476530A1] The admixture piece (100) has a mixing section for guiding a pumpable mixture. An opening (103) that opens out into the mixing section is attached to a wall of the piece for feeding an admixture into the mixing section. A sealing element establishes fluid-tight connection between the piece and a mixing device. The sealing element is provided as an axial seal i.e. tubular sealing lip (110), with respect to a longitudinal axis of the piece. The axial seal is arranged at a front side of a flange (105). A single-piece cast body is made of plastic with hardness of 50-120 shore-A. Independent claims are also included for the following: (1) a housing element of a mixing device for controlled metering of an admixture into a pumpable mixture i.e. pumpable hydraulic hardening mixture e.g. sprayed concrete composite (2) a set including a tubular admixture piece and a housing element.

IPC 8 full level
B01F 5/04 (2006.01); **B28C 5/02** (2006.01); **E04F 21/08** (2006.01)

CPC (source: EP US)
B01F 25/31423 (2022.01 - EP US); **B28C 5/026** (2013.01 - EP US); **E04F 21/08** (2013.01 - EP US)

Citation (search report)
See references of WO 2012095480A1

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 2476530 A1 20120718; AU 2012206572 A1 20130725; AU 2012206572 B2 20160908; BR 112013017486 A2 20161004; CA 2824228 A1 20120719; CA 2824228 C 20190611; CL 2013002017 A1 20131213; CN 103328170 A 20130925; CN 103328170 B 20160810; EP 2663435 A1 20131120; EP 2663435 B1 20170517; JP 2014505813 A 20140306; JP 6001556 B2 20161005; MX 2013008041 A 20130916; MX 347222 B 20170420; US 10160138 B2 20181225; US 2013272083 A1 20131017; WO 2012095480 A1 20120719

DOCDB simple family (application)
EP 11150748 A 20110112; AU 2012206572 A 20120112; BR 112013017486 A 20120112; CA 2824228 A 20120112; CL 2013002017 A 20130710; CN 201280005174 A 20120112; EP 12708691 A 20120112; EP 2012050416 W 20120112; JP 2013548839 A 20120112; MX 2013008041 A 20120112; US 201213978265 A 20120112