

Title (en)

DEVICE AND METHOD FOR DYNAMIC METERING OF SEALING COMPOUNDS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR DYNAMISCHEN DOSIERUNG VON DICHTMASSEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE DOSAGE DYNAMIQUE DE MATIÈRES D'ÉTANCHÉITÉ

Publication

EP 3512640 A1 20190724 (DE)

Application

EP 17762112 A 20170905

Priority

- DE 102016217429 A 20160913
- DE 102016224655 A 20161212
- EP 2017072215 W 20170905

Abstract (en)

[origin: WO2018050482A1] The present invention relates to a device for dynamic metering of sealing compound volumes and to a corresponding method. The device according to the invention has two containers for sealing compound components, a first drive which is connected to two mechanisms, of which in each case one can convey one of the sealing compound components out of its container, a drive controller, a mixing unit for mixing the sealing compound components conveyed out of the containers, with an opening for the application of the sealing compound onto a component, and additionally a compensating container with a compensating volume, and a second drive which is connected to a plunger which reaches into the compensating volume of the compensating container. The compensating container is connected here to the mixing unit. The first and the second drive can be jointly dynamically controlled by the drive controller.

IPC 8 full level

B05C 17/005 (2006.01); **B05C 9/06** (2006.01)

CPC (source: EP US)

B01F 35/71775 (2022.01 - US); **B01F 35/8311** (2022.01 - US); **B01F 35/883** (2022.01 - US); **B05C 9/06** (2013.01 - US); **B05C 9/08** (2013.01 - US); **B05C 11/1002** (2013.01 - US); **B05C 11/1036** (2013.01 - EP US); **B05C 11/1039** (2013.01 - US); **B05C 11/1047** (2013.01 - EP US); **B05C 5/02** (2013.01 - EP US); **B05C 5/0225** (2013.01 - US)

Citation (search report)

See references of WO 2018050482A1

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)

WO 2018050482 A1 20180322; BR 112019003551 A2 20190528; BR 112019003551 B1 20220920; CA 3036589 A1 20180322; CN 109789436 A 20190521; CN 109789436 B 20210709; EP 3512640 A1 20190724; EP 3512640 B1 20220316; JP 2019532813 A 20191114; JP 6999676 B2 20220204; US 11059070 B2 20210713; US 2019232330 A1 20190801

DOCDB simple family (application)

EP 2017072215 W 20170905; BR 112019003551 A 20170905; CA 3036589 A 20170905; CN 201780055980 A 20170905; EP 17762112 A 20170905; JP 2019535447 A 20170905; US 201716332919 A 20170905