

Title (en)
DEVICE FOR APPLYING A VISCOUS MATERIAL

Title (de)
VORRICHTUNG ZUM AUFTRAGEN EINES VISKOSEN MATERIALS

Title (fr)
DISPOSITIF D'APPLICATION D'UNE MATIÈRE VISQUEUSE

Publication
EP 3204166 B1 20181017 (DE)

Application
EP 15747118 A 20150723

Priority
• DE 102014014592 A 20141007
• EP 2015066841 W 20150723

Abstract (en)
[origin: WO2016055179A1] The invention relates to a device (10) for applying a viscous material, comprising an application tube (16) which has a material inlet opening (18) on a first end (20) and a material outlet opening (24) on a second end (26), which defines an application channel (14), and which is flexible at least over one portion of its length, and comprising a housing (12) which accommodates the application tube (16), and which has a material supply connection (28) for the viscous material to the application tube (16), wherein the application tube (16) is connected to the housing (12) in an initial region (30) coming from the material inlet opening (18), and is arranged at a distance to the housing (12) in an end region (32) extending to the material outlet opening (24), and wherein a bearing section (48) of the end region (32) is mounted near to the material outlet opening (24) in a motor-driven eccentric (50) that can rotate about the longitudinal central axis (46). According to the invention, an adjustment mechanism is provided for adjusting the distance of the bearing section (48) to the longitudinal central axis (46).

IPC 8 full level
B05B 3/02 (2006.01); **B05B 3/10** (2006.01); **B05C 5/02** (2006.01)

CPC (source: CN EP KR US)
B05B 3/026 (2013.01 - KR); **B05B 3/028** (2013.01 - CN EP KR US); **B05B 3/1035** (2013.01 - US); **B05C 5/0216** (2013.01 - CN EP KR US); **B05B 3/02** (2013.01 - CN EP US); **B05B 3/026** (2013.01 - CN EP US)

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 102014014592 A1 20160407; CN 107073492 A 20170818; CN 107073492 B 20190709; EP 3204166 A1 20170816; EP 3204166 B1 20181017; KR 102328820 B1 20211119; KR 20170066341 A 20170614; US 10245601 B2 20190402; US 2017291180 A1 20171012; WO 2016055179 A1 20160414

DOCDB simple family (application)
DE 102014014592 A 20141007; CN 201580052294 A 20150723; EP 15747118 A 20150723; EP 2015066841 W 20150723; KR 20177007262 A 20150723; US 201515512867 A 20150723