

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 3475000 B1 20200408 (DE)

Application

EP 17723365 A 20170512

Priority

- DE 102016007638 A 20160623
- EP 2017061440 W 20170512

Abstract (en)

[origin: WO2017220251A1] The invention relates to a device (10) for applying a viscous material, having: an application tube (14), which delimits an application duct (30) running in a longitudinal direction (16) from a material inlet opening (20) to a material outlet opening (28); and a housing (12), which accommodates at least part of the application tube (14) and has a material supply connection (32) for the viscous material. The application tube (14) has a first tube section (18), which is fixed on the housing and has the material inlet opening (20), and a second tube section (24), which adjoins the first tube section (18) and has the material outlet opening (28) at a free end (26). According to the invention, a joint (22) is provided which connects the first tube section (18) and the second tube section (24), and a drive device (36) is provided for deflecting the free end (26) of the second tube section (24) in a transverse direction (34) running transversely to the longitudinal direction (16).

IPC 8 full level

B05C 5/02 (2006.01)

CPC (source: EP KR US)

B05B 3/026 (2013.01 - EP KR US); **B05B 3/028** (2013.01 - US); **B05C 5/0216** (2013.01 - EP KR US); **B05C 5/0225** (2013.01 - US); **B05C 5/0225** (2013.01 - EP KR)

Cited by

WO2023179983A1

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 102016007638 A1 20171228; CN 109414719 A 20190301; CN 109414719 B 20210108; EP 3475000 A1 20190501; EP 3475000 B1 20200408; KR 102328821 B1 20211118; KR 20190021239 A 20190305; US 10695777 B2 20200630; US 2019270099 A1 20190905; WO 2017220251 A1 20171228

DOCDB simple family (application)

DE 102016007638 A 20160623; CN 201780036393 A 20170512; EP 17723365 A 20170512; EP 2017061440 W 20170512; KR 20187036480 A 20170512; US 201716302249 A 20170512