Title (en)

NOZZLE DEVICE WITH CONCAVE OPENING CONFIGURATION AND METHOD FOR DISPENSING A VISCOUS APPLICATION MEDIUM

Title (de)

DÜSENVORRICHTUNG MIT KONKAVER ÖFFNUNGSKONFIGURATION UND VERFAHREN ZUR ABGABE EINES VISKOSEN AUFTRAGMEDIUMS

Title (fr)

DISPOSITIF À BUSE À CONFIGURATION D'OUVERTURES CONCAVE ET PROCÉDÉ DE DISTRIBUTION D'UN MILIEU D'APPLICATION VISQUEUX

Publication

EP 3548186 B1 20210421 (DE)

Application

EP 17807841 A 20171129

Priority

- DE 102016014271 A 20161130
- EP 2017080834 W 20171129

Abstract (en)

[origin: WO2018099980A1] The invention relates to a nozzle device (1, 10) for dispensing a viscous application medium in the form of at least one jet (S1, S2) onto a component (100), preferably for the encircling application of the application medium onto a rabbet, edge or transition joint of the component (100), wherein the at least one jet (S1, S2) defines a jet width (B1, B2). The nozzle device (1, 10) comprises an opening configuration (2) for forming at least one slit opening (3.1, 3.2) to dispense the application medium and is in particular distinguished in that the opening configuration (2) is concave to effect a narrowing of the jet width (B1, B2) towards the dispensing side (A). The invention also relates to an associated method.

IPC 8 full level

B05B 1/04 (2006.01)

CPC (source: EP US)

B05B 1/042 (2013.01 - EP US); **B05B 1/044** (2013.01 - US); **B05C 5/0204** (2013.01 - EP); B05B 1/044 (2013.01 - EP); B05C 5/0254 (2013.01 - EP)

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 102016014271 A1 20180530; CN 110022985 A 20190716; EP 3548186 A1 20191009; EP 3548186 B1 20210421; MX 2019005997 A 20190801; US 2020179955 A1 20200611; WO 2018099980 A1 20180607

DOCDB simple family (application)

DE 102016014271 A 20161130; CN 201780074075 A 20171129; EP 17807841 A 20171129; EP 2017080834 W 20171129; MX 2019005997 A 20171129; US 201716349301 A 20171129