

Title (en)
APPLICATION NOZZLE

Title (de)
APPLIKATIONSDÜSE

Title (fr)
BUSE D'APPLICATION

Publication
EP 2986394 A1 20160224 (DE)

Application
EP 14726179 A 20140526

Priority
• EP 13169808 A 20130529
• EP 2014060864 W 20140526

Abstract (en)
[origin: WO2014191369A1] The invention relates to an application nozzle (10) for an application system (100) for gel-like and/or paste-like compositions, wherein the application nozzle (10) has an inlet zone (12) and an outlet zone (14) for the composition, wherein the application nozzle (10) has a plane extending in the longitudinal direction of the application nozzle (10), in particular a plane of symmetry (E), and wherein the outlet region of the application nozzle (10) comprises a bearing region (20) perpendicular to the plane, in particular to the plane of symmetry (E), for the application nozzle (10) on a substrate as well as an outlet opening (16) for the composition and the bearing region at least partially chamfered. The invention further relates to an application system (100), an application device (200) and a method for applying a composition.

IPC 8 full level
B05C 17/005 (2006.01); **B05C 17/01** (2006.01)

CPC (source: EP US)
B05B 1/02 (2013.01 - US); **B05C 17/00516** (2013.01 - EP US); **B05C 17/01** (2013.01 - EP US); **B05C 17/00553** (2013.01 - EP US); **B05C 17/00566** (2013.01 - EP US)

Citation (search report)
See references of WO 2014191369A1

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 2014191369 A1 20141204; BR 112015030026 A2 20170725; BR 112015030026 B1 20210112; CA 2913099 A1 20141204; CA 2913099 C 20211026; CN 105612009 A 20160525; CN 105612009 B 20181214; EP 2986394 A1 20160224; EP 2986394 B1 20220413; EP 2986394 B8 20220601; ES 2917380 T3 20220708; JP 2016520424 A 20160714; JP 6438942 B2 20181219; US 2016114350 A1 20160428; US 9937518 B2 20180410

DOCDB simple family (application)
EP 2014060864 W 20140526; BR 112015030026 A 20140526; CA 2913099 A 20140526; CN 201480042703 A 20140526; EP 14726179 A 20140526; ES 14726179 T 20140526; JP 2016515767 A 20140526; US 201414893772 A 20140526