

Title (en)
METHOD AND APPLICATOR FOR CONTINUOUS SEQUENTIAL APPLICATION OF TWO OR MORE VISCOUS MATERIALS OR FLUIDS

Title (de)
VERFAHREN UND APPLIKATOR ZUR KONTINUIERLICHEN SEQUENZIELLEN APPLIKATION VON ZWEI ODER MEHR VISKOSEN MATERIALIEN ODER FLUIDEN

Title (fr)
PROCÉDÉ ET APPLICATEUR POUR L'APPLICATION SÉQUENTIELLE CONTINUE D'AU MOINS DEUX MATÉRIAUX OU FLUIDES VISQUEUX

Publication
EP 3965956 A1 20220316 (DE)

Application
EP 20740504 A 20200508

Priority

- DE 102019112361 A 20190510
- DE 102019112659 A 20190514
- DE 2020100392 W 20200508

Abstract (en)
[origin: WO2020228900A1] The object of the invention is to make available a method and an applicator for continuous sequentially separate application of two or more viscous materials or fluids, wherein, in one operating cycle, two or more adhesives can be applied continuously in a track or line successively or alternately or sequentially, and different adhesives can thus be applied successively without interruption as a continuous track or line or as a ring thereof. In the corresponding method, the respective volumetric flows of the viscous materials or fluids are controlled such that they are applied in succession. The corresponding applicator comprises a feed device extending in a longitudinal direction and having two or more feed channels adjacent to one another in the longitudinal direction, for the separate conduction of the viscous materials or fluids, the feed channels each comprising a material inlet or fluid inlet and a material outlet or fluid outlet lying at opposite axial ends of the feed channels.

IPC 8 full level
B05C 5/02 (2006.01); **B05C 9/06** (2006.01); **B05C 11/10** (2006.01)

CPC (source: CN EP US)
B05C 5/02 (2013.01 - CN); **B05C 5/0225** (2013.01 - CN EP); **B05C 5/0279** (2013.01 - EP US); **B05C 9/06** (2013.01 - EP US); **B05C 11/1036** (2013.01 - CN EP US); **B05D 1/26** (2013.01 - CN); **B05D 7/50** (2013.01 - 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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102020112599 A1 20201112; BR 112021022505 A2 20211228; CN 113993633 A 20220128; CN 113993633 B 20231114; EP 3965956 A1 20220316; MX 2021013727 A 20220518; US 2022097095 A1 20220331; WO 2020228900 A1 20201119; ZA 202108680 B 20220831

DOCDB simple family (application)
DE 102020112599 A 20200508; BR 112021022505 A 20200508; CN 202080044941 A 20200508; DE 2020100392 W 20200508; EP 20740504 A 20200508; MX 2021013727 A 20200508; US 202017610169 A 20200508; ZA 202108680 A 20211105