

Title (en)

METHOD FOR PRODUCING AN OPTIMIZED COATING, AND COATING WHICH CAN BE OBTAINED USING SAID METHOD

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER OPTIMIERTEN BESCHICHTUNG UND MITTELS DIESES VERFAHRENS ERHÄLTISCHE BESCHICHTUNG

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN REVÊTEMENT OPTIMISÉ ET REVÊTEMENT POUVANT ÊTRE OBTENU AU MOYEN DE CE PROCÉDÉ

Publication

EP 3810338 A1 20210428 (DE)

Application

EP 19731763 A 20190624

Priority

- EP 18179620 A 20180625
- EP 2019066702 W 20190624

Abstract (en)

[origin: WO202002256A1] The invention relates to a method for producing at least one coating (B1) on a substrate, having at least the steps (1) to (5), namely providing a coating agent composition (BZ1) (1), ascertaining the average filament length of the filaments (2) formed during a rotational atomization of the coating agent composition (BZ1) provided in step (1), reducing the ascertained average filament length (3), applying at least the coating agent composition (BZ1) obtained in step (3) with a reduced average filament length onto a substrate, thereby forming at least one film (F1) (4), and physically curing, chemically curing, and/or radiation-curing at least the at least one film (F1) which is formed on the substrate in step (4) in order to form the coating (B1) on the substrate (5). The invention also relates to a coating (B1) which can be found on a substrate and which can be obtained using said method.

IPC 8 full level

B05D 1/02 (2006.01); **B05B 5/04** (2006.01); **B05B 5/043** (2006.01); **B05B 12/08** (2006.01); **G01N 15/00** (2006.01); **G01N 15/02** (2006.01); **G01N 15/14** (2006.01)

CPC (source: EP US)

B05B 5/0407 (2013.01 - US); **B05B 12/082** (2013.01 - US); **B05D 1/02** (2013.01 - EP US); **G01N 15/0227** (2013.01 - EP US); **G01N 15/1433** (2024.01 - EP US); **G01N 15/1468** (2013.01 - EP); **B05B 5/0407** (2013.01 - EP); **B05B 5/043** (2013.01 - EP); **B05B 12/082** (2013.01 - EP); **G01N 2015/0026** (2013.01 - EP US); **G01N 2015/1493** (2013.01 - EP US)

Citation (search report)

See references of WO 202002256A1

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 202002256 A1 20200102; CN 112334238 A 20210205; EP 3810338 A1 20210428; JP 2021529657 A 20211104; MX 2020014209 A 20210309; US 2021162452 A1 20210603

DOCDB simple family (application)

EP 2019066702 W 20190624; CN 201980042966 A 20190624; EP 19731763 A 20190624; JP 2020573034 A 20190624; MX 2020014209 A 20190624; US 201917253029 A 20190624