

Title (en)

METHOD FOR CREATING SURFACE EFFECTS, IN PARTICULAR IN UV-CURABLE LAYERS, DEVICE FOR MAKING SAME, AND ARTICLE OBTAINED ACCORDING TO THE INVENTION

Title (de)

VERFAHREN ZUM ERZEUGEN VON OBERFLÄCHENEFFEKTEN, INSBESONDERE IN UV-HÄRTBAREN SCHICHTEN, VORRICHTUNG ZUR HERSTELLUNG DERSELBEN SOWIE ERFINDUNGSGEMÄSS ERHALTENER ARTIKEL

Title (fr)

PROCÉDÉ POUR GÉNÉRER DES EFFETS DE SURFACE, EN PARTICULIER DANS DES COUCHES DURCISSABLES PAR UV, DISPOSITIF POUR RÉALISER CES EFFETS ET ARTICLE AINSI OBTENU

Publication

EP 3370886 A2 20180912 (DE)

Application

EP 16790984 A 20161102

Priority

- DE 102015118753 A 20151102
- EP 2016076421 W 20161102

Abstract (en)

[origin: WO2017076901A2] The invention relates to a method for creating surface effects in a coating that is curable by high-energy particle radiation, in particular UV light, said method involving the following steps: applying a coating fluid, e.g. a paint, which is radically curable, in particular UV-curable, to a substrate, said coating fluid being designed such that the reactivity on the surface of the applied coating film differs specifically from the reactivity in the volume of the applied coating film; irradiating the coating with high-energy particle radiation. Also disclosed are devices, in particular for carrying out said method.

IPC 8 full level

B05D 3/06 (2006.01); **B05D 3/02** (2006.01); **B05D 5/06** (2006.01)

CPC (source: EP RU US)

B05D 3/0209 (2013.01 - EP RU); **B05D 3/067** (2013.01 - EP RU); **B05D 5/062** (2013.01 - EP RU US); **B41J 11/00214** (2021.01 - EP US); **B05D 3/0486** (2013.01 - EP); **B05D 5/02** (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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102016120878 A1 20170504; BR 112018008465 A2 20181106; BR 112018008465 B1 20220524; CN 108348955 A 20180731; EP 3370886 A2 20180912; RU 2018120210 A 20191204; RU 2018120210 A3 20191204; RU 2718932 C2 20200415; WO 2017076901 A2 20170511; WO 2017076901 A3 20170713; ZA 201802903 B 20190731

DOCDB simple family (application)

DE 102016120878 A 20161102; BR 112018008465 A 20161102; CN 201680064024 A 20161102; EP 16790984 A 20161102; EP 2016076421 W 20161102; RU 2018120210 A 20161102; ZA 201802903 A 20180503