

Title (en)

Method and device for producing a structured surface

Title (de)

Verfahren und Vorrichtung zur Herstellung einer strukturierten Oberfläche

Title (fr)

Procédé et dispositif de fabrication d'une surface structurée

Publication

EP 2218520 A3 20110302 (DE)

Application

EP 10158405 A 20041202

Priority

- EP 04028565 A 20041202
- DE 102004049022 A 20041005

Abstract (en)

[origin: EP1645339A1] The surface of panels (2) are provided with a structured surface finish that is provided by applying a lacquered coating that can be profiled. The lacquer is applied by roller drums that are coated with a lacquer film as the panel pass along on a conveyor belt (4). The roller stations (6,8,18,20) have different surfaces to form the required finish.

IPC 8 full level

B05D 5/06 (2006.01); **B05C 1/02** (2006.01); **B05D 7/06** (2006.01); **B05C 1/08** (2006.01); **B05C 9/14** (2006.01); **B05D 1/28** (2006.01); **B05D 7/00** (2006.01)

CPC (source: EP US)

B05C 1/025 (2013.01 - EP); **B05C 1/0865** (2013.01 - EP); **B05D 5/06** (2013.01 - EP US); **B05D 5/061** (2013.01 - EP); **B05D 7/06** (2013.01 - EP); **B05C 9/14** (2013.01 - EP); **B05D 1/28** (2013.01 - EP); **B05D 7/52** (2013.01 - EP); **B05D 7/544** (2013.01 - EP); **B05D 7/584** (2013.01 - EP); **B05D 2203/20** (2013.01 - EP); **B41J 3/4073** (2013.01 - EP US); **E04F 15/02** (2013.01 - EP)

Citation (search report)

[A] US 5178928 A 19930112 - GOTO HIDEO [JP], et al

Cited by

DE102012103491A1; FR3042426A1; US2022379649A1; WO2013156196A1; US9782797B2; US11203224B2; US11697303B2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR

DOCDB simple family (publication)

DE 202004018710 U1 20050310; EP 1645339 A1 20060412; EP 1645339 B1 20150708; EP 2218520 A2 20100818; EP 2218520 A3 20110302; EP 2218520 B1 20130612; ES 2425197 T3 20131014; ES 2545665 T3 20150914; PL 1645339 T3 20151231; PL 2218520 T3 20131129; RU 2007116965 A 20081120; RU 2356639 C2 20090527; WO 2006037644 A2 20060413

DOCDB simple family (application)

DE 202004018710 U 20041202; EP 04028565 A 20041202; EP 10158405 A 20041202; EP 2005010796 W 20051005; ES 04028565 T 20041202; ES 10158405 T 20041202; PL 04028565 T 20041202; PL 10158405 T 20041202; RU 2007116965 A 20051005