

Title (en)

METHOD FOR PRODUCING A PANEL HAVING A DECORATIVE FINISH AND A THREE-DIMENSIONAL STRUCTURE

Title (de)

VERFAHREN ZUM HERSTELLEN EINES EIN DEKOR UND EINE DREIDIMENSIONALE STRUKTUR AUFWEISENDEN PANEELS

Title (fr)

PROCÉDÉ DE FABRICATION D'UN PANNEAU DOTÉ D'UN DÉCOR ET D'UNE STRUCTURE À TROIS DIMENSIONS

Publication

**EP 2593244 B1 20150218 (DE)**

Application

**EP 11723471 A 20110606**

Priority

- DE 102010036454 A 20100716
- EP 2011059286 W 20110606

Abstract (en)

[origin: WO2012007230A1] The invention relates to a method for producing a panel, in particular a furniture or flooring panel, in which a decorative finish, preferably a decorative wood finish, is applied to at least one surface of a plate-shaped substrate (2), and in which the substrate (2) or the decorative finish is provided with a flat, three-dimensional structure (8). The method is essentially characterised in that, in order to produce the structure (8), liquid and/or powdery coating material is applied in one or more layers to the substrate or to the decorative finish, regions of the applied coating material are solidified by means of at least one digitally controllable device (7), and the device (7) is controlled using structure data present in digital form.

IPC 8 full level

**B05D 5/06** (2006.01); **B05D 1/28** (2006.01); **B05D 5/02** (2006.01); **B05D 7/00** (2006.01); **B41M 3/06** (2006.01); **B44C 1/22** (2006.01); **B44C 3/02** (2006.01); **B44C 5/04** (2006.01); **B44F 9/02** (2006.01); **B44F 9/04** (2006.01)

CPC (source: EP US)

**B05D 1/02** (2013.01 - US); **B05D 1/12** (2013.01 - US); **B05D 1/28** (2013.01 - EP US); **B05D 1/40** (2013.01 - US); **B05D 3/06** (2013.01 - US); **B05D 3/107** (2013.01 - US); **B05D 5/06** (2013.01 - EP US); **B41M 3/06** (2013.01 - EP US); **B44C 1/228** (2013.01 - EP US); **B44C 3/025** (2013.01 - EP US); **B44C 5/04** (2013.01 - EP US); **B44F 9/02** (2013.01 - EP US); **B44F 9/04** (2013.01 - EP US); **B05D 5/02** (2013.01 - EP US); **B05D 7/54** (2013.01 - EP US); **B05D 7/58** (2013.01 - EP US); **B05D 2252/00** (2013.01 - EP US); **B05D 2601/20** (2013.01 - EP US); **Y10T 428/24802** (2015.01 - EP 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

DOCDB simple family (publication)

**DE 102010036454 A1 20120119**; **DE 102010036454 B4 20120927**; EP 2593244 A1 20130522; EP 2593244 B1 20150218; PL 2593244 T3 20150731; RU 2012148285 A 20140520; RU 2531813 C2 20141027; US 2015030817 A1 20150129; WO 2012007230 A1 20120119

DOCDB simple family (application)

**DE 102010036454 A 20100716**; EP 11723471 A 20110606; EP 2011059286 W 20110606; PL 11723471 T 20110606; RU 2012148285 A 20110606; US 201113809623 A 20110606