

Title (en)

Method for treating a composite wood board and structural panel comprising a core of wooden material

Title (de)

Verfahren zur Behandlung einer Holzwerkstoffplatte und Bauplatte mit einem Kern aus Holzwerkstoff

Title (fr)

Procédé de traitement d'un panneau de matière dérivée du bois et panneau de construction avec un noyau à base de matière dérivée du bois

Publication

**EP 2730430 B1 20141105 (DE)**

Application

**EP 12007667 A 20121112**

Priority

EP 12007667 A 20121112

Abstract (en)

[origin: EP2730430A1] The method involves printing a decor (7) on the top of a wood-based panel. A cellulose-free outer layer (8) made from melamine resin is applied on the decor and in which glass beads (5) are mixed. The outer layer is dried and a wear-protection layer (4) is applied on the top of the outer layer. The drying of outer layer is performed actively. The specific amount of melamine resin-glass bead mixture is applied. The proportion of glass beads in the mixture is of specific value. The diameter of glass beads is in specific range. An independent claim is included for a construction panel.

IPC 8 full level

**B44C 5/04** (2006.01)

CPC (source: EP RU US)

**B05D 1/38** (2013.01 - US); **B05D 3/0254** (2013.01 - US); **B05D 5/00** (2013.01 - US); **B05D 7/06** (2013.01 - US); **B05D 7/08** (2013.01 - US); **B05D 7/52** (2013.01 - US); **B05D 7/544** (2013.01 - US); **B05D 7/546** (2013.01 - US); **B44C 5/043** (2013.01 - EP US); **B44C 5/0476** (2013.01 - EP US); **B05D 2203/20** (2013.01 - US); **B05D 2505/00** (2013.01 - US); **B44C 5/04** (2013.01 - RU); **Y10T 428/24868** (2015.01 - EP US)

Cited by

US10059030B2; WO2015169450A1

Designated contracting state (EPC)

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**EP 2730430 A1 20140514**; **EP 2730430 B1 20141105**; BR 112015010494 A2 20170711; CA 2890617 A1 20140515; CA 2890617 C 20190611; CN 104903118 A 20150909; CN 104903118 B 20190903; ES 2524143 T3 20141204; PL 2730430 T3 20150331; RU 2015122400 A 20170110; RU 2631172 C2 20170919; US 2015283849 A1 20151008; US 9802222 B2 20171031; WO 2014072051 A1 20140515

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