

Title (en)

Method and device for manufacturing a composite wood board

Title (de)

Verfahren und Vorrichtung zum Herstellen einer Holzwerkstoffplatte

Title (fr)

Procédé et dispositif destinés à la fabrication d'une plaque en matériau dérivé du bois

Publication

EP 2098380 B1 20180808 (DE)

Application

EP 09003003 A 20090303

Priority

DE 102008012220 A 20080303

Abstract (en)

[origin: EP2098380A2] The method involves synchronizing a color and profile of metallic surface areas (8, 10) through which a wooden material plate i.e. high-density fiber board plate (12), is guided between a profiled decorative roller (4) and a backing roll (6). The roller is heated at a temperature of 200 degree Celsius, and pressure from 10 bar to 200 bar is executed at the roller. A gap is suspended between the decorative roller and the backing roll, where the gap is larger than thickness of the wooden material plate. The surface area of the wooden material plate is colored with pigments. An independent claim is also included for a device for manufacturing a wooden material plate, comprising a decorative roller.

IPC 8 full level

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CPC (source: EP)

B44B 5/0004 (2013.01); **B44B 5/028** (2013.01); **B44C 1/02** (2013.01); **B44C 1/24** (2013.01); **B44C 5/0492** (2013.01); **B44F 9/02** (2013.01)

Citation (examination)

DE 102006007976 A1 20070830 - FLOORING TECHNOLOGIES LTD [MT]

Cited by

ITMI20101112A1; ITBO20110642A1; US9238356B2; EP2452829A1; EP2628610A1; WO2012062460A3; WO2023156087A1; WO2011110373A1; US9487044B2; EP2239395A2

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DOCDB simple family (publication)

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