

Title (en)

Method for printing a wood fibre panel and wood fibre panel with a printed decorative layer

Title (de)

Verfahren zum Bedrucken einer Holzwerkstoffplatte und Holzwerkstoffplatte mit aufgedruckter Dekorschicht

Title (fr)

Procédé d'impression d'une plaque en matériau dérivé du bois et plaque en matériau dérivé du bois dotée d'une couche décorative imprimée

Publication

EP 2774770 B1 20150429 (DE)

Application

EP 13158397 A 20130308

Priority

EP 13158397 A 20130308

Abstract (en)

[origin: EP2774770A1] The method involves applying a priming layer (2) comprising resin and/or varnish to a side of a wood material board (1), and then pre-drying and/or pre-curing. The side of the wood material board is printed by a digital printing process, and a decorative layer (3) is formed. A protective layer (4) containing resin, radiation-curable varnish and/or polyurethane is applied to the decorative layer of the wood material board. A pre-drying and/or pre-curing of the protective layer applied to the decorative layer of the wood material board are carried out. An independent claim is included for a wood material board.

IPC 8 full level

B41M 5/00 (2006.01); **B41M 7/00** (2006.01)

CPC (source: EP RU US)

B05D 7/08 (2013.01 - US); **B41M 5/0047** (2013.01 - EP US); **B41M 5/0076** (2013.01 - EP US); **B41M 7/0036** (2013.01 - EP US); **B41M 7/0045** (2013.01 - EP US); **B44C 1/00** (2013.01 - RU); **Y10T 428/24884** (2015.01 - EP US)

Cited by

EP3757178A1; EP3070120A1; RU2767202C1; EP3231519A1; EP3480030A1; WO2019086660A1; US11198319B2; WO2020260044A1; US11192398B2; US11884097B2; EP4094848A1; EP3865309A1; WO2021160469A1; EP4177059A1; WO2023079026A1; EP3686028A1; WO2020151949A1; US11440341B2; US11872837B2; EP3231568B1; EP3178652B1

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)

EP 2774770 A1 20140910; **EP 2774770 B1 20150429**; ES 2542977 T3 20150813; PL 2774770 T3 20151030; PT 2774770 E 20150914; RU 2014108004 A 20150910; RU 2612823 C2 20170313; US 2014255670 A1 20140911; US 9931667 B2 20180403

DOCDB simple family (application)

EP 13158397 A 20130308; ES 13158397 T 20130308; PL 13158397 T 20130308; PT 13158397 T 20130308; RU 2014108004 A 20140304; US 201414200588 A 20140307