

Title (en)

Method for producing a component having a printed real wood surface and component produced according to the method

Title (de)

Verfahren zum Herstellen eines Bauteils mit einer bedruckten Echtholzoberfläche sowie nach dem Verfahren hergestelltes Bauteil

Title (fr)

Procédé de fabrication d'un élément doté d'une surface imprimée en bois véritable et élément produit selon ledit procédé

Publication

EP 2292435 B1 20171108 (DE)

Application

EP 10189071 A 20080409

Priority

- EP 08735111 A 20080409
- DE 102007017503 A 20070413

Abstract (en)

[origin: WO2008125261A1] The invention relates to a method for producing a component having a real wood surface, which is imprinted by means of an inkjet printing process such that the appearance thereof corresponds to that of a pattern having a grain and pore structure corresponding to a predetermined desired type of wood and a predetermined coloration, comprising the following steps: providing the pattern, inputting pattern data representing the appearance of the surface into an electronic data processing system, providing a component having a timber surface, the pore structure of which is similar to that of the predetermined type of fine wood, and imprinting the timber surface in an inkjet printing process corresponding to the pattern data such that the three-dimensional structure of the timber surface caused by the pore structure remains at least partially intact.

IPC 8 full level

B41J 3/407 (2006.01); **B44C 5/04** (2006.01); **B44F 9/02** (2006.01); **G06T 11/00** (2006.01)

CPC (source: EP US)

B41J 3/407 (2013.01 - EP US); **B44C 5/043** (2013.01 - EP US); **B44F 9/02** (2013.01 - EP US); **Y10T 428/24802** (2015.01 - EP US)

Cited by

DE102017002890A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008125261 A1 20081023; CA 2683592 A1 20081023; CA 2683592 C 20151117; DE 102007017503 B3 20081106; EP 2139696 A1 20100106; EP 2139696 B1 20140108; EP 2292435 A2 20110309; EP 2292435 A3 20130918; EP 2292435 B1 20171108; EP 2292436 A2 20110309; EP 2292436 A3 20130918; EP 2292436 B1 20160907; ES 2454244 T3 20140410; ES 2592813 T3 20161201; ES 2648242 T3 20171229; PL 2139696 T3 20141031; PL 2292435 T3 20180430; PL 2292436 T3 20170531; PT 2139696 E 20140410; PT 2292435 T 20171226; PT 2292436 T 20171031; RU 2009141851 A 20110520; RU 2442694 C2 20120220; SI 2139696 T1 20140530; SI 2292435 T1 20180330; SI 2292436 T1 20170131; US 2010068481 A1 20100318; US 9527304 B2 20161227

DOCDB simple family (application)

EP 2008002798 W 20080409; CA 2683592 A 20080409; DE 102007017503 A 20070413; EP 08735111 A 20080409; EP 10189071 A 20080409; EP 10189072 A 20080409; ES 08735111 T 20080409; ES 10189071 T 20080409; ES 10189072 T 20080409; PL 08735111 T 20080409; PL 10189071 T 20080409; PL 10189072 T 20080409; PT 08735111 T 20080409; PT 10189071 T 20080409; PT 10189072 T 20080409; RU 2009141851 A 20080409; SI 200831178 T 20080409; SI 200831727 A 20080409; SI 200831920 T 20080409; US 59543908 A 20080409