

Title (en)

Method for producing panels, in particular floor panels

Title (de)

Verfahren zum Herstellen von Paneelen, insbesondere Fußbodenpaneelen

Title (fr)

Procédé de fabrication de panneaux, notamment des panneaux de sol

Publication

**EP 2329932 A3 20120314 (DE)**

Application

**EP 10175749 A 20100908**

Priority

DE 102009056441 A 20091202

Abstract (en)

[origin: EP2329932A2] The method involves providing a multi-layer plate (2) with a carrier layer (2a) of wood product. A cover layer (2b) is connected with the carrier layer at an upper side. A layer is provided with directly applied paint, resin, laminate, laminate plastic or veneer. The multi-layer plate is brought in contact with processing tools (3). The processing tools are moved relative to the multi-layer plate for a forming process of the multi-layer plate. The forming process is carried out by causing a translatory pivoting movement in an ultrasound region in the processing tools. The forming process is dividing process, erosive process and machining process. An independent claim is also included for a device for manufacturing a panel.

IPC 8 full level

**B27M 3/04** (2006.01); **B27M 1/00** (2006.01); **B27N 7/00** (2006.01)

CPC (source: EP)

**B27M 1/00** (2013.01); **B27M 3/04** (2013.01)

Citation (search report)

- [X] JP H06297415 A 19941025 - EIDAI CO LTD
- [X] JP 2007313874 A 20071206 - EIDAI CO LTD
- [X] DE 1628951 A1 19701022 - WEYERHAEUSER CO
- [X] DE 2625636 A1 19771222 - FRAAS ALFRED HOLZ ING GRAD
- [X] DE 19653317 A1 19980625 - IMA MONTAGETECHNIK GMBH [DE]
- [X] DE 102007056515 A1 20090528 - TILLMANN ROLF [DE]
- [A] DE 7443378 U
- [A] WO 03078761 A1 20030925 - VALINGE ALUMINIUM AB [SE], et al
- [A] JP H1018565 A 19980120 - N C KOBO KK
- [A] US 2009044880 A1 20090219 - JONES JODY [US]
- [A] DE 19847178 A1 20000420 - IHD INST FUER HOLZTECHNOLOGIE [DE]
- [A] US 5752423 A 19980519 - RAWSON FRANCIS F H [GB]

Cited by

EP4119294A1

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**EP 2329932 A2 20110608**; **EP 2329932 A3 20120314**; **EP 2329932 B1 20161221**; DE 102009056441 A1 20110609;  
DE 102009056441 B4 20140430; ES 2615494 T3 20170607; PL 2329932 T3 20170731; PT 2329932 T 20170220

DOCDB simple family (application)

**EP 10175749 A 20100908**; DE 102009056441 A 20091202; ES 10175749 T 20100908; PL 10175749 T 20100908; PT 10175749 T 20100908