

Title (en)

Building panel having polyurethane layers and a decorative layer

Title (de)

Bauplatte mit Polyurethan- und Dekorschicht

Title (fr)

Panneau de construction comprenant de couches de polyuréthane et une couche décorative

Publication

**EP 1762400 B2 20150909 (DE)**

Application

**EP 06017623 A 20060824**

Priority

DE 102005042657 A 20050908

Abstract (en)

[origin: EP1762400A1] The slab has an upper side (1) and a lower side (2), where a polyurethane layer (3) is applied on the upper side. A decorative layer (5) imitating the natural material e.g. wood or stone, is applied on the polyurethane layer. Another polyurethane layer (4) is applied on the lower side, where the polyurethane layer (4) contains heavier particles opposite to the polyurethane. A third polyurethane layer (6) is applied on the decorative layer, where the polyurethane layer (6) seals the decorative layer. An independent claim is also included for a method for producing a building slab.

IPC 8 full level

**E04F 15/10** (2006.01); **B44C 5/04** (2006.01); **B44F 9/00** (2006.01)

CPC (source: EP US)

**B44C 5/04** (2013.01 - EP US); **B44C 5/043** (2013.01 - EP US); **B44F 9/00** (2013.01 - EP US); **E04F 15/10** (2013.01 - EP US)

Citation (opposition)

Opponent :

- WO 9731776 A1 19970904 - PERSTORP AB [SE], et al
- US 5112671 A 19920512 - DIAMOND IVAN [GB], et al
- WO 2004108436 A2 20041216 - FLOORING IND LTD [IE]
- EP 1229183 A1 20020807 - IND AUX ES FAUS SL [ES]
- WO 2004067874 A2 20040812 - FAUS GROUP [ES], et al
- WO 2004098881 A1 20041118 - LG CHEMICAL LTD [KR], et al
- DE 102004032058 A1 20050512 - EGGER BESCHICHTUNGSWERK MARIEN [DE]
- EP 1262607 A1 20021204 - WINDMOELLER ULRICH [DE]

Cited by

DE102012112562B4; BE1018632A3; EP2394005A4; WO2010088769A1; US9238356B2; EP2452829A1; EP2628610A1; WO2010084466A3; WO2012062460A3; WO2011110373A1; DE102012112562A1; US9487044B2; DE202012013676U1; DE202011050027U1; DE102011002131A1; WO2012142986A1; DE202011110058U1; DE202011110057U1; US9366034B2; US10000040B2; EP2699416B1; EP3178652B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1762400 A1 20070314**; **EP 1762400 B1 20120411**; **EP 1762400 B2 20150909**; AT E553271 T1 20120415; DE 102005042657 A1 20070405; DE 102005042657 B4 20101230; ES 2384880 T3 20120713; ES 2384880 T5 20160209; PL 1762400 T3 20120831; PL 1762400 T5 20160729; US 2011059239 A1 20110310; US 8475871 B2 20130702

DOCDB simple family (application)

**EP 06017623 A 20060824**; AT 06017623 T 20060824; DE 102005042657 A 20050908; ES 06017623 T 20060824; PL 06017623 T 20060824; US 91566410 A 20101029