

Title (en)

Floor panel with a wood material core, a decorative coating and locking profiles

Title (de)

Fußbodenpaneel mit einem Holzwerkstoffkern, einer Dekorschicht und Verriegelungsprofilen

Title (fr)

Panneau de sol avec un noyau de matière dérivée du bois, une couche décorative et des profilés de verrouillage

Publication

EP 2492415 A3 20140910 (DE)

Application

EP 12169489 A 20060614

Priority

- EP 06761662 A 20060614
- DE 102005028072 A 20050616

Abstract (en)

[origin: CA2609567A1] The rectangular floor panel (1) comprises a core (2) made of a derived timber material, a decorative layer (4) positioned on the top side (3) of the panel (1) and in pairs opposite side edges (5, 6, 7, 8), wherein at least one pair of the side edges (7, 8) is provided with complementary form-fitting hooked profiles, namely a receiving hook (9) facing the lower side of the floor panel (1) and a retaining hook (10) located on the opposite side edge (8) and facing the top side (3) of the floor panel (1), the receiving (9) and retaining (10) hooks are provided with a distal side surface (11, 17) having at least one projecting interlocking element (13, 14) which is associated with a receiving pocket (21, 22) arranged in the complementary receiving hook (9), the retaining hook (10) is lockable with the receiving hook (9) by a vertical locking movement with respect to the floor panel (1) plane, the interlocking element (13, 14) of the retaining hook (10) and the top side (3) of the floor panel (1) are separated by at least one gap corresponding to one third the total thickness of the floor panel.

IPC 8 full level

E04F 15/10 (2006.01); **E04F 15/02** (2006.01)

CPC (source: EP US)

E04F 15/02038 (2013.01 - EP US); **E04F 15/107** (2013.01 - EP US); **E04F 2201/0146** (2013.01 - EP US); **E04F 2201/0176** (2013.01 - EP US); **E04F 2201/023** (2013.01 - EP US); **E04F 2201/025** (2013.01 - EP US); **E04F 2201/026** (2013.01 - EP US)

Citation (search report)

- [X1] WO 0175247 A1 20011011 - PERSTORP FLOORING AB [SE]
- [X1] DE 20120704 U1 20020404 - HUELSTA WERKE HUELS KG [DE]
- [AD] WO 0102670 A1 20010111 - AKZENTA PANEEL & PROFILE GMBH [DE], et al

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DOCDB simple family (publication)

DE 102005028072 A1 20061221; **DE 102005028072 B4 20101230**; CA 2609567 A1 20061221; CA 2609567 C 20110913; CN 101208488 A 20080625; CN 101208488 B 20100519; DK 1891283 T3 20131104; EP 1891283 A1 20080227; EP 1891283 B1 20130807; EP 2492415 A2 20120829; EP 2492415 A3 20140910; ES 2434065 T3 20131213; PL 1891283 T3 20140131; PT 1891283 E 20131105; RU 2008101644 A 20090727; RU 2372456 C2 20091110; UA 92747 C2 20101210; US 2009049787 A1 20090226; US 8375672 B2 20130219; WO 2006133690 A1 20061221; WO 2006133690 A9 20080124

DOCDB simple family (application)

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