

Title (en)

System consisting of two interconnectable building panels and an insert for locking these panels

Title (de)

Einrichtung bestehend aus zwei miteinander verbindbaren Bauplatten und einem Einsatz zum Verriegeln dieser Bauplatten

Title (fr)

Ensemble consistant en deux panneaux de construction interconnectables et un insert pour verrouiller ces panneaux

Publication

EP 1420125 B1 20080514 (DE)

Application

EP 03004606 A 20030301

Priority

DE 10253236 A 20021115

Abstract (en)

[origin: US2004128934A1] Floor panel which is provided with means for releasably connecting at least two panels, it being the case that a tongue is formed to extend in the longitudinal direction of the side edge and corresponding recess is formed opposite it, that the recess comprises a top lip and a bottom lip, and the bottom lip forms a shoulder with a front shoulder side, said shoulder blocking the panels in the transverse direction (Q), that an undercut is adjoined by a recess, with a bearing region which corresponds to the shoulder, and a wall, which, with the front shoulder side in the installed state, is located opposite the latter, and that corresponding form-fitting elements are formed on the wall and the front shoulder side, said form-fitting elements, in the installed state, engaging one inside the other and bringing about locking in the vertical direction (V), and an underside of the tongue and a top side of the bottom lip runs parallel to the top side.

IPC 8 full level

E04F 15/02 (2006.01)

CPC (source: EP US)

E04F 15/02 (2013.01 - EP US); **E04F 15/181** (2013.01 - EP US); **E04F 2201/0115** (2013.01 - EP US); **E04F 2201/0138** (2013.01 - EP US); **E04F 2201/023** (2013.01 - EP US); **E04F 2201/026** (2013.01 - EP US); **E04F 2201/0523** (2013.01 - EP US); **E04F 2201/0529** (2013.01 - EP US); **E04F 2290/043** (2013.01 - EP US)

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Designated contracting state (EPC)

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

DOCDB simple family (publication)

US 2004128934 A1 20040708; **US 7484337 B2 20090203**; AT E395481 T1 20080515; DE 50309830 D1 20080626; EP 1420125 A2 20040519; EP 1420125 A3 20050511; EP 1420125 B1 20080514; ES 2307840 T3 20081201; US 2009133358 A1 20090528; US 9169658 B2 20151027

DOCDB simple family (application)

US 70413003 A 20031110; AT 03004606 T 20030301; DE 50309830 T 20030301; EP 03004606 A 20030301; ES 03004606 T 20030301; US 36471009 A 20090203