

Title (en)
PANEL IN PARTICULAR FLOOR PANEL

Title (de)
PANEEL, INSBESONDERE FUSSBODENPANEEL

Title (fr)
PANNEAU, NOTAMMENT PANNEAU DE PLANCHER

Publication
EP 1789642 A1 20070530 (DE)

Application
EP 05783029 A 20050909

Priority

- EP 2005009684 W 20050909
- DE 202004014680 U 20040917
- DE 202004015275 U 20040929

Abstract (en)
[origin: WO2006032378A1] The invention relates to a panel, with a tongue on a longitudinal and a transverse edge, projecting beyond said longitudinal or transverse edge, with essentially parallel tongue surfaces and a groove on the opposing longitudinal or transverse edge, enclosed by lateral panel sections, corresponding to the tongue of an adjacent panel with essentially parallel groove edges. In order to lock two adjacent panels such as to run into each other, a projecting locking element is provided on at least one tongue surface at least in parts and in each region of (a) panel section(s) corresponding to said locking element(s) for connected panels a recess(es) is provided, whereby the region (B) of the tongue with the locking element and/or at least one of the regions of the tongue and the panel sections which are in contact on introducing the tongue into the groove, before the locking element clips into the recess, have an elastic embodiment such that said elasticity is greater than the elasticity of the locking element.

IPC 8 full level
E04F 15/02 (2006.01); **E04F 13/08** (2006.01); **E04F 15/04** (2006.01)

CPC (source: EP US)
E04F 13/08 (2013.01 - EP US); **E04F 15/02** (2013.01 - EP US); **E04F 15/02033** (2013.01 - EP US); **E04F 15/04** (2013.01 - EP US); **E04F 2201/0115** (2013.01 - EP US); **E04F 2201/03** (2013.01 - EP US); **E04F 2201/0511** (2013.01 - EP US); **E04F 2201/0523** (2013.01 - EP US)

Citation (search report)
See references of WO 2006032378A1

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
WO 2006032378 A1 20060330; CA 2581021 A1 20060330; CA 2581021 C 20121023; EP 1789642 A1 20070530; EP 1789642 B1 20130501; JP 2008513634 A 20080501; US 2007266666 A1 20071122; US 7861483 B2 20110104

DOCDB simple family (application)
EP 2005009684 W 20050909; CA 2581021 A 20050909; EP 05783029 A 20050909; JP 2007531647 A 20050909; US 66332205 A 20050909