

Title (en)

Flooring panel and method of laying a flooring panel

Title (de)

Fussbodenpaneel und Verfahren zum Verlegen eines Fussbodens

Title (fr)

Panneau de plancher et méthode d'installation d'un panneau de plancher

Publication

EP 1380710 B1 20110330 (DE)

Application

EP 03014043 A 20030623

Priority

DE 10230818 A 20020708

Abstract (en)

[origin: EP1380710A2] Floor panel (1) comprises an upper side (15) provided with a decorative layer (16), a lower side (7) for placing on a subconstruction, and devices for removably connecting at least two panels. A tongue (10) extending in the longitudinal direction is formed on at least one first side edge of a first panel and a corresponding groove (3) is formed on the opposite-lying second side edge. The groove has an upper lip (4) and a lower lip (6) with a protrusion (9) having an upper side (5) and a front side (8) which blocks with a corresponding undercut (13) of the tongue the panels in the transverse direction (Q). A groove with a bearing region (14) corresponding to the protrusion adjoins the undercut. The bearing region and the upper side of the protrusion are inclined at an angle (μ) to the upper side so that on the vertical introduction of force a force component forces the panels toward each other. Independent claims are also included for processes for laying a floor panel.

IPC 8 full level

E04F 15/02 (2006.01); **E04F 15/04** (2006.01)

CPC (source: EP)

E04F 15/02 (2013.01); **E04F 15/04** (2013.01); **E04F 2201/0138** (2013.01); **E04F 2201/0153** (2013.01); **E04F 2201/0523** (2013.01); **E04F 2201/0529** (2013.01)

Cited by

EP1726735A1; EP1589160A3; CN109654097A; CN114585790A; KR20210137004A; FR2889219A1; JP2022548828A; US10000935B2; US8978335B2; WO2006125306A1; WO2007028560A1; WO2007014988A1; US9206611B2; KR20210136007A; CN114207230A; JP2022524295A; US11891817B2; WO2020159353A1

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