

Title (en)

FLOOR PANEL ASSEMBLY, FLOOR PANEL AND JOINING MEMBERS FOR USE THEREIN

Title (de)

BODENPLATTENANORDNUNG, BODENPLATTE UND VERBINDUNGSELEMENTE ZUR VERWENDUNG DAMIT

Title (fr)

ENSEMBLE PANNEAU DE PLANCHER, PANNEAU DE PLANCHER ET ÉLÉMENTS D'ASSEMBLAGE POUR UTILISATION DANS CELUI-CI

Publication

EP 4202150 A3 20240214 (EN)

Application

EP 23155363 A 20140113

Priority

- EP 13151053 A 20130111
- EP 21210836 A 20140113
- EP 14700977 A 20140113
- EP 2014050488 W 20140113

Abstract (en)

A floor panel assembly comprises sheet-shaped floor panels, provided with a plurality of edges, wherein an edge of a first panel and another edge of a second panel are equipped with joining members which allow a joining of the first and second edges of the two panels by bringing these into engagement with each other, so as to bring the upper sides of both panels substantially in alignment with each other and have them meet at a vertical plane VP, the first edge being provided with a male joining member and the second edge with a female joining member adapted to receive the male joining member therein so as to lock the panels at the adjacent edges at least in a direction perpendicular to the upper side and in a direction parallel to the upper side but perpendicular to the adjacent first and second edges in their joined position, wherein the male and female joining members are so adapted to each other that a surface of the male joining member is urged against a surface of the female joining member in a contact area, said contact area has a horizontal component and is the first of this kind that water meets when it enters between the joining members from the vertical plane VP.

IPC 8 full level

E04F 15/00 (2006.01)

CPC (source: EP)

E04F 15/105 (2013.01); **E04F 2201/0138** (2013.01); **E04F 2201/0153** (2013.01)

Citation (search report)

[X1] DE 102004028757 A1 20060119 - HUELSTA WERKE HUELS KG [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2754772 A1 20140716; EP 2971401 A1 20160120; EP 2971401 B1 20220309; EP 3992391 A1 20220504; EP 3992391 B1 20230315; EP 4202150 A2 20230628; EP 4202150 A3 20240214; ES 2913138 T3 20220531; ES 2942921 T3 20230607; HR P20230354 T1 20230609; PL 2971401 T3 20220620; PL 3992391 T3 20230717; PT 2971401 T 20220520; PT 3992391 T 20230607; WO 2014108537 A1 20140717

DOCDB simple family (application)

EP 13151053 A 20130111; EP 14700977 A 20140113; EP 2014050488 W 20140113; EP 21210836 A 20140113; EP 23155363 A 20140113; ES 14700977 T 20140113; ES 21210836 T 20140113; HR P20230354 T 20140113; PL 14700977 T 20140113; PL 21210836 T 20140113; PT 14700977 T 20140113; PT 21210836 T 20140113