

Title (en)
Floor panels with sealing means

Title (de)
Bodenplatten mit Abdichtmitteln

Title (fr)
Panneaux de plancher dotés de moyens d'étanchéité

Publication
EP 2146024 A2 20100120 (EN)

Application
EP 09168587 A 20020729

Priority
• EP 02749499 A 20020729
• SE 0102620 A 20010727

Abstract (en)
In a floor panel comprising a core (30), a surface layer (31) and, at opposite joint edge portions, connecting means for joining the floor panel with similar floor panels in the vertical direction, it is foreseen that at least one of said opposite joint edge portions is provided with a joint seal means (55a,55b) for counteracting penetration of moisture, this joint seal means being made of parts of the floor panel portions located above said connecting means, being made of an elastic sealing material that is secured in the floor panel, being made by machining in connection with the forming of said connecting means and being adapted to be elastically compressed when the floor panel is joined with a similar floor panel.

IPC 8 full level
B27M 3/04 (2006.01); **E04F 15/04** (2006.01); **E04F 15/02** (2006.01); **E04F 15/10** (2006.01); **E04F 15/18** (2006.01); **E04F 15/20** (2006.01)

CPC (source: EP KR)
E04F 15/02016 (2013.01 - EP); **E04F 15/02033** (2013.01 - EP); **E04F 15/02038** (2013.01 - EP); **E04F 15/02188** (2013.01 - EP); **E04F 15/04** (2013.01 - KR); **E04F 15/102** (2013.01 - EP); **E04F 15/107** (2013.01 - EP); **E04F 15/181** (2013.01 - EP); **E04F 15/206** (2013.01 - EP); **E04F 2201/0115** (2013.01 - EP); **E04F 2201/0153** (2013.01 - EP); **E04F 2201/07** (2013.01 - EP); **E04F 2290/042** (2013.01 - EP)

Cited by
FR3126010A1; WO2019210941A1; WO2019210940A1; US11518061B2; WO2023012417A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

Designated extension state (EPC)
SI

DOCDB simple family (publication)
WO 03012224 A1 20030213; AT E441007 T1 20090915; AU 2002320004 B2 20080131; BR 0211676 A 20040713; CA 2453599 A1 20030213; CA 2453599 C 20100907; CN 100402782 C 20080716; CN 1547638 A 20041117; DE 20222019 U1 20110505; DE 60233504 D1 20091008; DK 2146024 T3 20130513; EP 1412596 A1 20040428; EP 1412596 B1 20090826; EP 2146024 A2 20100120; EP 2146024 A3 20110525; EP 2146024 B1 20130227; EP 2281977 A2 20110209; EP 2281977 A3 20110525; EP 2281977 B1 20200408; EP 2287418 A2 20110223; EP 2287418 A3 20110525; EP 2287418 B1 20170823; EP 2287418 B2 20211013; EP 3783167 A2 20210224; EP 3783167 A3 20210310; EP 3783167 B1 20230524; ES 2407986 T3 20130617; HU 229529 B1 20140128; HU P0401186 A2 20040928; JP 2004537663 A 20041216; JP 4884647 B2 20120229; KR 100844247 B1 20080707; KR 20040025701 A 20040324; NO 20040112 L 20040326; NO 327624 B1 20090907; NZ 531374 A 20050826; PL 210011 B1 20111130; PL 366587 A1 20050207; PT 2146024 E 20130507; PT 2287418 T 20171117; RU 2004105858 A 20050820; RU 2289004 C2 20061210; SE 0102620 D0 20010727; SE 0102620 L 20030128; SE 519791 C2 20030408

DOCDB simple family (application)
SE 0201417 W 20020729; AT 02749499 T 20020729; AU 2002320004 A 20020729; BR 0211676 A 20020729; CA 2453599 A 20020729; CN 02816733 A 20020729; DE 20222019 U 20020729; DE 60233504 T 20020729; DK 09168587 T 20020729; EP 02749499 A 20020729; EP 09168587 A 20020729; EP 10182245 A 20020729; EP 10182599 A 20020729; EP 20168246 A 20020729; ES 09168587 T 20020729; HU P0401186 A 20020729; JP 2003517390 A 20020729; KR 20047000883 A 20020729; NO 20040112 A 20040112; NZ 53137402 A 20020729; PL 36658702 A 20020729; PT 09168587 T 20020729; PT 10182599 T 20020729; RU 2004105858 A 20020729; SE 0102620 A 20010727