

Title (en)

Flooring with mechanically lockable rectangular floorboards

Title (de)

Fussboden mit viereckigen, mechanisch verbindbaren Fussbodenplatten

Title (fr)

Plancher avec des planches rectangulaires verrouillables mécaniquement

Publication

EP 1710368 A2 20061011 (EN)

Application

EP 06115826 A 20030422

Priority

- EP 03721225 A 20030422
- SE 0201225 A 20020422
- SE 0203482 A 20021121

Abstract (en)

In a flooring comprising rectangular floorboards (1) for providing a patterned floating flooring, said floorboards (1) being provided, along opposing long edges (4a,4b), with integrated first and second connecting means for locking together one floorboard with a second floorboard (1'), such that upper edge portions of said floorboard (1) and said second floorboard (1'), in a joined state, together define a vertical plate (VP), whereby said first connecting means comprise an upwardly projecting locking element on one long side cooperating with a locking groove on the other long side of the second floorboard for locking together said floorboard (1) and said second floorboard (1') in a horizontal plane (D2), perpendicular to said vertical plane (VP), and whereby said second connecting means comprise a tongue and a groove for locking together said floorboard (1) and said second floorboard (1') in a vertical direction (D1), perpendicular to a main plane of said floorboards (1,1'), a long edge (4a,4b) of said floorboards has a bevel (133), a short edge (5a,5b) of said floorboards has a length not exceeding 10 cm, there is a joint gap between said floorboard (1) and said second floorboard (1'), and the short edge has a locking system, which locks horizontally.

IPC 8 full level

E04F 15/02 (2006.01); **B27M 3/04** (2006.01); **E04F 15/04** (2006.01)

CPC (source: EP KR)

B44C 5/043 (2013.01 - EP); **B44F 3/00** (2013.01 - EP); **E04F 15/02** (2013.01 - EP KR); **E04F 15/02033** (2013.01 - EP); **E04F 15/04** (2013.01 - KR); **E04F 21/22** (2013.01 - EP); **E04F 2201/0107** (2013.01 - EP); **E04F 2201/0115** (2013.01 - EP); **E04F 2201/0153** (2013.01 - EP); **E04F 2201/05** (2013.01 - EP); **E04F 2201/0511** (2013.01 - EP); **E04F 2201/0523** (2013.01 - EP)

Cited by

KR101468444B1

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)

WO 03089736 A1 20031030; AT E331860 T1 20060715; AU 2003224559 A1 20031103; AU 2003224559 B2 20081030; BR 0309248 A 20050209; BR 0309248 B1 20130402; CA 2483016 A1 20031030; CA 2483016 C 20100824; CN 100354492 C 20071212; CN 1646778 A 20050727; CY 1105107 T1 20091104; DE 20321616 U1 20080807; DE 60306509 D1 20060810; DE 60306509 T2 20061123; DE 60306509 T3 20090709; DK 1497510 T3 20060828; DK 1497510 T4 20090414; EP 1497510 A1 20050119; EP 1497510 B1 20060628; EP 1497510 B2 20081224; EP 1705309 A2 20060927; EP 1705309 A3 20090325; EP 1707705 A2 20061004; EP 1707705 A3 20090318; EP 1710367 A2 20061011; EP 1710367 A3 20090218; EP 1710368 A2 20061011; EP 1710368 A3 20090121; EP 1719854 A2 20061108; EP 1719854 A3 20090304; ES 2265571 T3 20070216; ES 2265571 T5 20090416; IL 164765 A0 20051218; IL 164765 A 20090211; JP 2005523394 A 20050804; JP 4574172 B2 20101104; KR 100990808 B1 20101029; KR 20040102146 A 20041203; NO 20044154 L 20050119; NO 336593 B1 20151005; NZ 536446 A 20070223; PL 204302 B1 20091231; PL 372392 A1 20050725; PT 1497510 E 20061130; RU 2004133902 A 20050820; RU 2007126482 A 20090120; RU 2315157 C2 20080120; RU 2436915 C2 20111220; SI 1497510 T1 20061231; SI 1497510 T2 20090630; UA 85821 C2 20090310

DOCDB simple family (application)

SE 0300641 W 20030422; AT 03721225 T 20030422; AU 2003224559 A 20030422; BR 0309248 A 20030422; CA 2483016 A 20030422; CN 03809069 A 20030422; CY 061101031 T 20060725; DE 20321616 U 20030422; DE 60306509 T 20030422; DK 03721225 T 20030422; EP 03721225 A 20030422; EP 06115825 A 20030422; EP 06115826 A 20030422; EP 06115827 A 20030422; EP 06115829 A 20030422; EP 06115830 A 20030422; ES 03721225 T 20030422; IL 16476504 A 20041021; JP 2003586439 A 20030422; KR 20047016944 A 20030422; NO 20044154 A 20040930; NZ 53644603 A 20030422; PL 37239203 A 20030422; PT 03721225 T 20030422; RU 2004133902 A 20030422; RU 2007126482 A 20070711; SI 200330467 T 20030422; UA 20041109507 A 20030422