

Title (en)

Device for joining parquet-type plaques or pieces

Title (de)

Vorrichtung zum Verbinden von Parkettartige Platten oder -Stücke

Title (fr)

Dispositif d'assemblage de plaques ou pièces de type parquet

Publication

EP 1816283 A2 20070808 (EN)

Application

EP 07380022 A 20070205

Priority

- ES 200601794 A 20060206
- ES 200602066 A 20060731
- ES 200602092 U 20060925

Abstract (en)

It permits tongue-and-groove connection of wooden or similar pieces (18) with a square or rectangular shape in linear or intermeshed composition of the pieces (18). It includes some projections (24) for connection located in two consecutive sides and there exist corresponding recesses (28) on the two sides opposite to the above. Both the projections (24) and the recesses (28) have a configuration in the form of an obtuse angle triangle, adopting an oblique arrangement in order to achieve the intermeshing and having inverted orientations for permitting the coupling between pieces (18) to be able to be done according to a simple diagonal movement of the new piece to lay. The recesses (28) and projections (24) are located in the lower third of the thickness of the piece (18), the first in a lower flange (29) and the second below a flange (25) of the central third of the thickness of the pieces (18). The visible face can be backed on to a ceramic tile or similar.

IPC 8 full level

E04F 15/02 (2006.01)

CPC (source: EP KR US)

E04F 15/02 (2013.01 - EP KR US); **E04F 15/06** (2013.01 - KR); **E04F 2201/0123** (2013.01 - EP US); **E04F 2201/0517** (2013.01 - EP US)

Cited by

FR2983891A1; IT201700115693A1; GB2454795A; US8596012B2; WO2009044299A1; US11761215B2; WO2020159352A1

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)

EP 1816283 A2 20070808; AU 2007200499 A1 20070823; BR PI0700232 A 20071106; CA 2576889 A1 20070806; JP 2007211584 A 20070823; KR 20070080240 A 20070809; MX 2007001472 A 20090212; US 2007214741 A1 20070920

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