

Title (en)

RETAINER DEVICE FOR THE CONNECTION OF COMPONENTS IN PARTICULAR FLOORING PANELS

Title (de)

HALTEEINRICHTUNG ZUM VERBINDEN VON BAUTEILEN, INSbesondere VON BELAGSPLATTEN

Title (fr)

DISPOSITIF SERVANT A ASSEMBLER DES ELEMENTS DE CONSTRUCTION, EN PARTICULIER DES DALLES DE REVETEMENT

Publication

EP 1831481 A1 20070912 (DE)

Application

EP 05819109 A 20051221

Priority

- AT 2005000518 W 20051221
- AT 21372004 A 20041221

Abstract (en)

[origin: WO2006066299A1] The invention relates to a retainer device for the connection of components, in particular of floor panels or floor panels and the retainer pieces thereof to give a floor covering. In order to simplify the connection process and to achieve a reliable connection, the retainer device comprises at least one adjuster element (4, 14, 24, 24') for essentially positive-fit connection and at least one retainer element (5, 15', 25, 25') for essentially frictional connection with corresponding counter-pieces on components for connection.

IPC 8 full level

E04F 13/08 (2006.01); **E04F 15/02** (2006.01); **E04F 15/10** (2006.01)

CPC (source: EP US)

E04F 13/0801 (2013.01 - EP US); **E04F 15/02194** (2013.01 - EP US); **E04F 15/082** (2013.01 - EP US); **E04F 15/10** (2013.01 - EP US);
E04F 2015/02116 (2013.01 - EP US); **E04F 2203/06** (2013.01 - EP US)

Citation (search report)

See references of WO 2006066299A1

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

DOCDB simple family (publication)

WO 2006066299 A1 20060629; AT 501449 A1 20060915; AT 501449 B1 20110215; CN 100537970 C 20090909; CN 101124376 A 20080213;
EP 1831481 A1 20070912; JP 2008524478 A 20080710; JP 4954893 B2 20120620; US 2008250744 A1 20081016

DOCDB simple family (application)

AT 2005000518 W 20051221; AT 21372004 A 20041221; CN 200580048474 A 20051221; EP 05819109 A 20051221;
JP 2007547075 A 20051221; US 79332805 A 20051221