Title (en)

Locking system for plate-shaped panels

Title (de)

Befestigungssystem für tafelförmige Paneele

Title (fr)

Système de fixation pour des panneaux en forme de plaques

Publication

EP 1918482 A3 20130501 (DE)

Application

EP 07020876 A 20071025

Priority

DE 102006052081 A 20061104

Abstract (en)

[origin: EP1918482A2] The system has two retaining profiles (6, 6') arranged on narrow sides of rectangular floor panels (1, 2), where the retaining profiles extend in a longitudinal direction of the narrow sides. A rotation of the retaining profile (6) is oriented on the other retaining profile (6') about an upper locating edge (15). The upper locating edge runs parallel to a longitudinal extension of the retaining profiles (6, 6'), where a force is counteracted by an elastic deformation of the retaining profiles such that a surface and an opposing surface of the retaining profiles (6, 6') are retained together.

IPC 8 full level

E04F 15/02 (2006.01)

CPC (source: EP)

E04F 15/02 (2013.01); E04F 15/04 (2013.01); E04F 2201/0153 (2013.01); E04F 2201/08 (2013.01)

Citation (search report)

- [XY] DE 20319121 U1 20040603 - E F P FLOOR PRODUCTS FUSBOEDEN [AT]
- [YA] DE 10329686 A1 20050203 - AKZENTA PANEELE & PROFILE GMBH [DE]
- [YA] US 6808777 B2 20041026 - ANDERSSON KJELL [SE], et al
- [A] DE 20001225 U1 20000727 - KUNNEMEYER HORNITEX [DE]
- [A] US 6497079 B1 20021224 - PLETZER STEFAN [AT], et al

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1918482 A2 20080507; **EP 1918482 A3 20130501**; **EP 1918482 B1 20161228**; DE 102006052081 A1 20080508; PL 1918482 T3 20170630

DOCDB simple family (application)

EP 07020876 A 20071025; DE 102006052081 A 20061104; PL 07020876 T 20071025