

Title (en)

FASTENING SYSTEM FOR SLAB-LIKE PANELS

Title (de)

BEFESTIGUNGSSYSTEM FÜR TAFELFÖRMIGE PANEELE

Title (fr)

SYSTÈME DE FIXATION POUR DES PANNEAUX EN FORME DE PLAQUES

Publication

**EP 2054566 B1 20110914 (DE)**

Application

**EP 07786347 A 20070726**

Priority

- EP 2007006628 W 20070726
- DE 102006037204 A 20060809
- DE 102006051840 A 20061103

Abstract (en)

[origin: US2009199502A1] A fastening system for rectangular slab-like panels having two long edges and two short edges and including retaining profiles arranged on the edges, of which oppositely arranged retaining profiles match one another in such a way that identical panels can be connected to one another. The retaining profiles in a connected state produce a form fit in a direction which extends perpendicularly to a laying plane in which the panels are to be laid, and/or produce a form fit in a direction which lies in the laying plane and extends perpendicularly to the connected edges. The retaining profiles have on the long edges and/or on the short edges at least one surface which interacts with a complementary surface when the retaining profiles are connected to one another. At least the surface or the complementary surface or the complementary surface includes a friction-increasing layer with an elevated first coefficient of friction, thereby strengthening the connection of the retaining profiles, wherein in a direction of insertion, in which the surfaces are moved relative to one another when connecting the retaining profiles, the friction-increasing layer has a second coefficient of friction which is less than the first coefficient of friction.

IPC 8 full level

**E04F 13/08** (2006.01); **E04B 1/61** (2006.01); **E04F 15/02** (2006.01)

CPC (source: EP US)

**E04F 13/08** (2013.01 - EP US); **E04F 15/02** (2013.01 - EP US); **E04B 1/6133** (2013.01 - EP US); **E04F 2201/0115** (2013.01 - EP US); **E04F 2201/0138** (2013.01 - EP US); **E04F 2201/0153** (2013.01 - EP US); **E04F 2201/08** (2013.01 - EP US)

Cited by

DE202011004988U1

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

DOCDB simple family (publication)

**US 2009199502 A1 20090813**; AT E524625 T1 20110915; DE 102006051840 A1 20080214; EP 2054566 A1 20090506; EP 2054566 B1 20110914; RU 2009107872 A 20100920; RU 2461690 C2 20120920; RU 2461690 C9 20130710; WO 2008017384 A1 20080214

DOCDB simple family (application)

**US 31009607 A 20070726**; AT 07786347 T 20070726; DE 102006051840 A 20061103; EP 07786347 A 20070726; EP 2007006628 W 20070726; RU 2009107872 A 20070726