

Title (en)

A flooring material of sheet-shaped floor elements joined with joining members

Title (de)

Fussbodenmaterial aus plattenförmigen Fussbodenelementen verbunden mit Verbindungselementen

Title (fr)

Matériau de plancher comprenant des éléments de plancher joints par des éléments de liaison

Publication

EP 2813639 A3 20150902 (EN)

Application

EP 14169430 A 20010214

Priority

- SE 0001149 A 20000331
- EP 08166656 A 20010214
- EP 01906461 A 20010214
- US 98801401 A 20011116
- SE 0100294 W 20010214

Abstract (en)

[origin: EP2813634A2] Flooring material comprising floor elements (1) with male joining members (10 I) on a first edge (2 I), while a second edge (2 II) of the floor elements (1) is provided with a female joining member (10 II), whereby the floor elements (1) are intended to mainly be joined together by tilting the floor element (1) to be joined with an already installed floor element (1), wherein the floor elements (1) on a third edge (2 III) and a fourth edge (2 IV) are provided with vertical assembly joining members (10 III - 10 IV), and in that two adjacent edges (2) of a floor element (1), at the same time, and in the same turning motion, can be joined with a floor element (1) adjacent to the first edge (2 I) and a floor element adjacent to the third or fourth edge (2 III and 2 IV, respectively).

IPC 8 full level

E04F 15/02 (2006.01); **E04F 15/04** (2006.01); **B29C 65/00** (2006.01); **B32B 7/04** (2006.01); **E04B 2/00** (2006.01); **E04F 13/00** (2006.01)

CPC (source: EP US)

E04F 15/02 (2013.01 - EP US); **E04F 15/02038** (2013.01 - US); **E04F 15/04** (2013.01 - EP); **E04F 2201/0115** (2013.01 - EP); **E04F 2201/0138** (2013.01 - EP); **E04F 2201/0153** (2013.01 - EP); **E04F 2201/023** (2013.01 - EP); **E04F 2201/026** (2013.01 - EP); **E04F 2201/05** (2013.01 - EP); **E04F 2201/0517** (2013.01 - EP); **E04F 2201/0523** (2013.01 - EP)

Citation (search report)

- [YP] WO 0047841 A1 20000817 - PERSTORP FLOORING AB [SE], et al
- [E] WO 0151732 A1 20010719 - HUELSTA WERKE HUELS KG [DE], et al
- [E] WO 0151733 A1 20010719 - HUELSTA WERKE HUELS KG [DE], et al
- [YP] WO 0102669 A1 20010111 - AKZENTA PANELEE & PROFILE GMBH [DE], et al
- [AD] WO 9426999 A1 19941124 - VALINGE ALUMINIUM AB [SE], et al
- [YD] WO 9747834 A1 19971218 - UNILIN BEHEER BV [NL]
- [AP] WO 0102670 A1 20010111 - AKZENTA PANELEE & PROFILE GMBH [DE], et al
- [AP] WO 0063510 A1 20001026 - PATT S R L [IT], et al
- [Y] CA 991373 A 19760622 - HEBGEN HEINRICH
- [Y] WO 9966151 A1 19991223 - VALINGE ALUMINIUM AB [SE], et al

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated extension state (EPC)

LT LV RO

DOCDB simple family (publication)

EP 2813634 A2 20141217; **EP 2813634 A3 20150325**; **EP 2813634 B1 20170816**; DE 08166656 T1 20150402; DE 13160294 T1 20150108; DE 14169132 T1 20150603; DE 14169158 T1 20150611; DE 14169350 T1 20150603; DE 14169472 T1 20150611; DK 2009195 T3 20150622; EP 2813635 A2 20141217; EP 2813635 A3 20150325; EP 2813636 A2 20141217; EP 2813636 A3 20150325; EP 2813636 B1 20171227; EP 2813637 A2 20141217; EP 2813637 A3 20150902; EP 2813637 B1 20200408; EP 2813638 A2 20141217; EP 2813638 A3 20150902; EP 2813638 B1 20200408; EP 2813639 A2 20141217; EP 2813639 A3 20150902; EP 2813639 B1 20191113; EP 2813640 A2 20141217; EP 2813640 A3 20150902; EP 2813641 A2 20141217; EP 2813641 A3 20160406; ES 2523115 T1 20141121; ES 2543164 T3 20150817; ES 2646014 T3 20171211; ES 2660502 T3 20180322; ES 2769548 T3 20200626; PT 2009195 E 20150914

DOCDB simple family (application)

EP 14169158 A 20010214; DE 08166656 T 20010214; DE 13160294 T 20010214; DE 14169132 T 20010214; DE 14169158 T 20010214; DE 14169350 T 20010214; DE 14169472 T 20010214; DK 08166656 T 20010214; EP 14169293 A 20010214; EP 14169330 A 20010214; EP 14169350 A 20010214; EP 14169399 A 20010214; EP 14169430 A 20010214; EP 14169440 A 20010214; EP 14169472 A 20010214; ES 08166656 T 20010214; ES 13160294 T 20010214; ES 14169158 T 20010214; ES 14169330 T 20010214; ES 14169430 T 20010214; PT 01166656 T 20010214