

Title (en)
Connection for two panels

Title (de)
Verbindung für zwei Paneele

Title (fr)
Liaison pour deux panneaux

Publication
EP 2390437 A3 20131225 (DE)

Application
EP 11167446 A 20110525

Priority
DE 102010021436 A 20100525

Abstract (en)
[origin: EP2390437A2] The connector has a lower lip extended over a separating plane (14) and formed at an edge of a panel (1), and a locking projection formed at the lip. The locking projection is inserted into a locking recess of another panel (2) in a locked condition. A spring element (12) is arranged in a front-sided guiding groove of the former panel, and stays in effective connection with a vertical locking surface at the latter panel. A vertical slot (28) is formed in the lip, and increases elastic resilience of the lip. The slot is extended into a base layer of the former panel.

IPC 8 full level
E04F 15/02 (2006.01)

CPC (source: EP)
E04F 15/02 (2013.01); **E04F 2201/0138** (2013.01); **E04F 2201/0146** (2013.01); **E04F 2201/027** (2013.01); **E04F 2201/0535** (2013.01); **E04F 2201/0547** (2013.01)

Citation (search report)

- [X1] WO 2008060232 A1 20080522 - VAELINGE INNOVATION AB [SE], et al
- [X1] DE 102006011887 A1 20070719 - AKZENTA PANELEE & PROFILE GMBH [DE]
- [A] DE 102004001363 A1 20050804 - HAMBERGER INDUSTRIEWERKE GMBH [DE]

Cited by
EP4163456A1; CN114566565A; EP4166731A1; US10000935B2; NL2018781B1; RU2752629C2; EA038674B1; AU2018256742B2; WO2018199756A1; US10947741B2; US11441319B2; US10815676B2; US10876303B2; US10889998B2; US10927553B2; US11193282B2; US11236514B2; US11377857B2; US11505949B2; US11976471B2; US12012764B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2390437 A2 20111130; EP 2390437 A3 20131225; DE 102010021436 A1 20111201

DOCDB simple family (application)
EP 11167446 A 20110525; DE 102010021436 A 20100525