

Title (en)  
Connection for two panels

Title (de)  
Verbindung für zwei Paneele

Title (fr)  
Liaison pour deux panneaux

Publication  
**EP 2390437 A2 20111130 (DE)**

Application  
**EP 11167446 A 20110525**

Priority  
DE 102010021436 A 20100525

Abstract (en)  
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.

Abstract (de)  
Offenbart ist eine Verbindung für zwei Paneele, die durch Absenken eines Paneels auf ein anderes, bereits verlegtes Paneel verbindbar sind, wobei beide Paneele in dem zu verbindenden Bereich mit korrespondierenden hakenförmigen Elementen ausgeführt sind und in Vertikalrichtung mittels eines Federelementes verriegelt sind. Die Verbindung ist so ausgestaltet, dass sie sich durch Auseinanderbewegen der Paneele in Horizontalrichtung lösen lässt.

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 (applicant)  
• EP 1650375 B1 20071226 - VAELINGE INNOVATION AB [SE]  
• EP 1415056 B1 20060111 - AKZENTA PANELEE & PROFILE 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

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