

Title (en)
Joining clip for modular panels

Title (de)
Verbindungsklammer für modulare Tafeln

Title (fr)
Pince d'assemblage pour panneaux modulaires

Publication
EP 2169129 A1 20100331 (EN)

Application
EP 08016958 A 20080926

Priority
EP 08016958 A 20080926

Abstract (en)
The present document describes a clip for securing a tight connection between two modular panels. The connection has a male portion (36) on a first one of the two modular panels, and a female portion (38) on a second one of the two modular panels. The male portion is for being inserted into the female portion upon assembly of the two modular panels side by side. The clip comprises a first flat member (71) having a first pressure edge (77), and a second flat member (72) having a second pressure edge (79). The second flat member is fixedly joined to the first flat member. The panels are assembled in an assembly direction. Upon introduction of the first flat member into the male portion, and of the second flat member into the female portion perpendicularly to the assembly direction, the first pressure edge of the first flat member forces the male portion toward the female portion, while the second pressure edge of the second flat member forces the female portion toward the male portion. These forces secure the tight connection between the two modular panels.

IPC 8 full level
E04B 1/61 (2006.01); **E04B 1/76** (2006.01); **E04C 2/292** (2006.01)

CPC (source: EP)
E04B 1/6187 (2013.01); **E04B 1/7608** (2013.01)

Citation (applicant)
• DE 29919825 U1 20000127 - LETHE METALLBAU GMBH [DE]
• EP 0887482 A1 19981230 - ARTHA BNS S R L [IT]

Citation (search report)
• [X] DE 29919825 U1 20000127 - LETHE METALLBAU GMBH [DE]
• [X] EP 0887482 A1 19981230 - ARTHA BNS S R L [IT]
• [A] US 5509242 A 19960423 - RECHSTEINER STEVEN A [US], et al

Cited by
WO2021245550A1; WO2021245443A1

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

Designated extension state (EPC)
AL BA MK RS

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