

Title (en)

Fastening device for attaching sandwich construction units to a support structure

Title (de)

Befestigungsvorrichtung zum Befestigen von Sandwichplatten an einer Tragstruktur

Title (fr)

Dispositif de fixation pour fixer des panneaux sandwich sur une structure porteuse

Publication

**EP 1489243 B1 20081119 (EN)**

Application

**EP 04102239 A 20040521**

Priority

FI 20035101 A 20030619

Abstract (en)

[origin: EP1489243A2] The invention relates to a fastening device for attaching sandwich construction units (1) to a support structure. The fastening device comprises a plate-like fastening member (7), which extends in a longitudinal direction of the construction unit and is arranged on the construction unit's (1) one narrow side (13) provided with tongue-and-groove edges and which in its lateral direction extends over some of the width of said narrow side (13). The fastening member (7) is shaped in its outer edge portion to be adapted to engage under an outer surface sheet's (2) tongue edge (5). The fastening member is formed with at least one recess (9) for passing a construction unit fastening element (12) therethrough to a support structure. The fastening device comprises a clamping member (14), which extends in a longitudinal direction of the construction unit (1) and which is attachable to the fastening member (7). The clamping member (14) is shaped in its outer edge (15) to be substantially complementary to the shape of the outer surface of the outer surface sheet's (2) tongue edge (5) and is engageable for a clamping attachment with said tongue edge for securing the fastening member (7) to the outer surface sheet (2).

IPC 8 full level

**E04C 2/292** (2006.01); **E04F 13/08** (2006.01)

CPC (source: EP)

**E04C 2/292** (2013.01); **E04F 13/0876** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

LT LV

DOCDB simple family (publication)

**EP 1489243 A2 20041222**; **EP 1489243 A3 20070131**; **EP 1489243 B1 20081119**; AT E414826 T1 20081215; DE 602004017812 D1 20090102; DK 1489243 T3 20090309; ES 2315615 T3 20090401; FI 20035101 A0 20030619; FI 20035101 A 20041220; NO 20042289 L 20041220; NO 331606 B1 20120206; PL 1489243 T3 20090430

DOCDB simple family (application)

**EP 04102239 A 20040521**; AT 04102239 T 20040521; DE 602004017812 T 20040521; DK 04102239 T 20040521; ES 04102239 T 20040521; FI 20035101 A 20030619; NO 20042289 A 20040603; PL 04102239 T 20040521