

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 A3 20070131 (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)

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Citation (search report)

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- [A] DE 20210072 U1 20021002 - SCHMELZER KLAUS [DE]
- [A] DE 19930650 A1 20010118 - THYSSEN STAHL BAUELEMENTE GMBH [DE]

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