

Title (en)

Mounting jig and process of mounting a prefabricated element on a building part

Title (de)

Montageträgersystem und Verfahren zur Montage eines Fertigbauteils an einem Gebäudeteil

Title (fr)

Gabarit de montage et procédé de montage d'un élément préfabriqué sur une partie de bâtiment

Publication

EP 1063361 A3 20020109 (DE)

Application

EP 00112951 A 20000620

Priority

DE 19928757 A 19990623

Abstract (en)

[origin: EP1063361A2] The counter-piece (12) for the coupling section (7) of the connection part (1) secured to the building (9) forms an undercut, against which the coupling section abuts when the pre-fabricated element (6) is secured to the building. A connection part is used to secure a pre-fabricated building element, preferably a concrete slab, to part of a building, and comprises a section (3) subjected to tensile forces, a section (4) subjected to press forces, and a strut arrangement (5) for absorbing cross-direction forces. A coupling section is formed at the free end of the section of the part subjected to tensile forces. A receiving fixture (2) for the connection part is provided in the building and comprises a press part (11) for directing press forces into the building, a tensile part (10) at least partially anchorable inside the building in order to direct tensile forces into it, and a counter-piece for the coupling section, used to engage the latter with the fixture. Independent claims are also included for (a) the connection part, (b) the receiving fixture, and (c) a method for mounting a pre-fabricated element.

IPC 1-7

E04B 1/00

IPC 8 full level

E04B 1/00 (2006.01)

CPC (source: EP)

E04B 1/0038 (2013.01)

Citation (search report)

[XA] GB 696144 A 19530826 - CECIL BRIAN HUGH COLQUHOUN, et al

Cited by

CN111733974A; CN113235957A; EP1484456B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1063361 A2 20001227; EP 1063361 A3 20020109; EP 1063361 B1 20050309; AT E290629 T1 20050315; DE 19928757 A1 20010201; DE 19928757 C2 20011108; DE 50009699 D1 20050414; DK 1063361 T3 20050627; PT 1063361 E 20050630

DOCDB simple family (application)

EP 00112951 A 20000620; AT 00112951 T 20000620; DE 19928757 A 19990623; DE 50009699 T 20000620; DK 00112951 T 20000620; PT 00112951 T 20000620