

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 B1 20050309 (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 (examination)

DE 19630552 A1 19980129 - SCHOECK BAUTEILE GMBH [DE]

Cited by

CN111733974A; CN113235957A; EP1484456B1

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