

Title (en)

Device for connecting beams and pillars or similar structural elements, particularly for prefabricated concrete structural elements

Title (de)

Vorrichtung zur Verbindung von Trägern und Pfeilern oder ähnlichen Bauelementen, insbesondere vorgefertigten Bauelementen aus Beton

Title (fr)

Dispositif pour la connection de poutres et colonnes ou d'éléments de construction similaires, en particulier des éléments de construction préfabriqués en béton

Publication

**EP 1749946 A1 20070207 (EN)**

Application

**EP 05017043 A 20050805**

Priority

EP 05017043 A 20050805

Abstract (en)

A device for connecting beams and pillars or similar structural elements, particularly for prefabricated concrete structural elements, comprising a bracket (2), which forms, when installed, by means of its upper face, a support for the beam (3), and a first connection (4) for connecting to the pillar (5) the end of the bracket (2) that is designed to be directed toward the pillar (5), the device further comprising a second connection (6) for connecting a region of the bracket (2), spaced from the end directed toward the pillar (5), to a region of the pillar (5) located above the bracket (2) and arranged on the side of the pillar (5) that lies opposite with respect to the side that bears the bracket (2).

IPC 8 full level

**E04B 1/21** (2006.01); **E04B 1/22** (2006.01)

CPC (source: EP)

**E04B 1/215** (2013.01); **E04B 1/22** (2013.01)

Citation (applicant)

EP 1092814 A1 20010418 - ZAMBELLI SERGIO [IT], et al

Citation (search report)

- [XY] EP 1092814 A1 20010418 - ZAMBELLI SERGIO [IT], et al
- [Y] US 5669189 A 19970923 - LOGIADIS IOANNIS [GR], et al
- [A] GB 2179115 A 19870225 - PARTEK AB

Cited by

ITRM20110332A1; CN112854473A; ITPD20120222A1; CN107905369A

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1749946 A1 20070207**; **EP 1749946 B1 20111130**; AT E535654 T1 20111215; ES 2384443 T3 20120705

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