

Title (en)

Interconnection device and method using such a device for connecting a reinforced concrete prefabricated beam to a reinforced concrete prefabricated pillar

Title (de)

Verbindungsvorrichtung und Verfahren mit einer solchen Vorrichtung zum Verbinden einen vorfabrizierten Stahlbetonträger mit einer vorfabrizierten Stahlbetonsäule

Title (fr)

Dispositif de liaison et procédé avec ce dispositif pour relier une poutre préfabriquée en béton armé avec une colonne préfabriquée en béton armé

Publication

**EP 1752591 A2 20070214 (EN)**

Application

**EP 06118629 A 20060808**

Priority

IT MI20051565 A 20050811

Abstract (en)

An interconnection device (1) for connecting a prefabricated reinforced concrete beam (3) to a prefabricated reinforced concrete pillar (2) is provided with a first intermediate connecting element (10), which is adapted to be inserted, in part, in at least one seat (24) extending into said pillar (2) and having an upper supporting plate (40) for said beam (3); and a second intermediate connecting element (11) essentially defined by a solidified non-shrink grout casting, which extends between the beam (3) and the pillar (2) and, in part, in a first and second recess (19, 32) made respectively in the pillar (2) and in the beam (3).

IPC 8 full level

**E04B 1/21** (2006.01)

CPC (source: EP)

**E04B 1/215** (2013.01)

Cited by

IT201900025459A1; EP3492665A1; ITUD20080260A1; CN107119798A; WO2020249852A1

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 1752591 A2 20070214; EP 1752591 A3 20071017**; IT MI20051565 A1 20070212

DOCDB simple family (application)

**EP 06118629 A 20060808**; IT MI20051565 A 20050811