

Title (en)

Concrete and steel structural node to connect beams to column

Title (de)

Träger-Stützenverbindung aus Stahl und Beton

Title (fr)

Connexion poutre-à-colonne en acier et béton

Publication

EP 2589717 A1 20130508 (EN)

Application

EP 11425268 A 20111107

Priority

EP 11425268 A 20111107

Abstract (en)

Structural panel point for the connection of metal girders (30,31,32,33) and concrete-filled metal columns (5) to be used in the realization of steel-concrete mixed structures comprising a pillar with hollow metal section and at least a metal lattice girder connected by means of a bolted connection (60,70), further comprising means (63,73) for the correct positioning of pillar and girder and reinforcement metal elements suitably arranged in the terminal region of the girder.

IPC 8 full level

E04B 1/24 (2006.01); **E04C 3/08** (2006.01)

CPC (source: EP)

E04B 1/2403 (2013.01); **E04C 3/08** (2013.01); **E04B 2001/2418** (2013.01)

Citation (search report)

- [A] US 2006265992 A1 20061130 - HIRAGAKI MINORU [JP]
- [A] DE 4313895 A1 19941103 - REINHARD TWEER GMBH [DE]
- [A] US 2007209314 A1 20070913 - VAUGHN WILLIAM B [US]
- [A] EP 0699808 A1 19960306 - NAT SCIENCE COUNCIL [TW]
- [A] US 3977801 A 19760831 - MURPHY THOMAS PHILIP
- [A] GB 1484318 A 19770901 - LE CLERCQ P

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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