

Title (en)

Connecting device for a metal tube and a concrete beam or plate

Title (de)

Verbindungsvorrichtung für ein Metallrohr und einen Träger oder eine Decke aus Beton

Title (fr)

Dispositif de connexion d'un tube métallique et d'une poutre ou dalle en béton

Publication

EP 1162314 A1 20011212 (FR)

Application

EP 01401453 A 20010606

Priority

FR 0007203 A 20000606

Abstract (en)

The connection for a trellis metal tube (1) and a concrete beam (P) comprises at each end of a tube a metal plate welded at the tube end perpendicularly to the tube axis. The plate is supported on the beam and has several holes (3) into which are engaged plate fixing screws (7,9,10) to bars (6) embedded in the beam concrete.

IPC 1-7

E01D 2/00; **E01D 101/28**

IPC 8 full level

E01D 15/14 (2006.01); **E01D 2/00** (2006.01); **E04B 1/38** (2006.01); **E04B 1/58** (2006.01); **E04B 5/43** (2006.01); **E04C 3/02** (2006.01)

CPC (source: EP)

E01D 2/00 (2013.01); **E01D 2101/285** (2013.01)

Citation (search report)

- [DA] FR 2723424 A1 19960209 - BOUYGUES SA [FR]
- [A] US 5505033 A 19960409 - MATSUO HIDESHIGE [JP], et al
- [A] FR 2520777 A1 19830805 - BOUYGUES SA [FR]

Cited by

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Designated contracting state (EPC)

DE ES GB

DOCDB simple family (publication)

EP 1162314 A1 20011212; **EP 1162314 B1 20061129**; DE 60124816 D1 20070111; DE 60124816 T2 20071011; ES 2275636 T3 20070616; FR 2809757 A1 20011207; FR 2809757 B1 20020830; JP 2002054242 A 20020220; JP 4706129 B2 20110622

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