

Title (en)

Device for the connection and transfer of shearing forces between two building elements separated by a joint

Title (de)

Vorrichtung zum Verbinden und zur Aufnahme von Querkräften von zwei durch eine Fuge getrennten Bauteilen

Title (fr)

Dispositif pour la connection et la transmission des forces transversales entre deux structures séparées par un joint

Publication

EP 0773324 B1 19980722 (DE)

Application

EP 96810712 A 19961025

Priority

CH 315495 A 19951107

Abstract (en)

[origin: EP0773324A1] The coupling device has a pin (5) which is driven into the end face of one component (1) and a cooperating sleeve (6) driven into the abutting end face of the second component (2). This fits over the projecting end of the pin when the components are brought together. The pin and the sleeve are each surrounded at the component end face by a perpendicular flange disc (8,9). Each has an integral plate (12,13) projecting into the component at right angles.

IPC 1-7

E01C 11/14; E04B 1/48

IPC 8 full level

E01C 11/14 (2006.01)

CPC (source: EP)

E01C 11/14 (2013.01)

Citation (examination)

- EP 0059171 A1 19820901 - ASCHWANDEN ULISSE C
- DE 4435922 A1 19950504 - ERB ANTON H [CH]
- DE 609783 C 19350223 - MARX & TRAUBE G M B H
- DE 2572552 A
- EP 0328484 A1 19890816 - EGCO AG [CH]
- EP 0489988 A1 19920617 - SHAW RONALD D [US], et al
- WO 9429538 A1 19941222 - PLEHANOFF WALTER [AU]
- Broschüre "CRET-10 Querkraftdorn" F.J.- Aschwanden AG, 3250 Lyss, Switzerland, 1994

Cited by

US6763646B1; EP3584367A1; DE102008033585A1; EP2982807A1; WO9925934A1; EP3339525A1; EP1113115A3; ITMI20121770A1; EP3124697A1; EP1329563A1; DE102008033585B4; EP3330448A1; US8516761B2; EP3960944A1; WO2009092858A1; WO2009092855A1; WO2012025106A3; US6471441B1; EP0814213B1; EP2146004A2; US8539726B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IE IT LI NL SE

DOCDB simple family (publication)

EP 0773324 A1 19970514; EP 0773324 B1 19980722; EP 0773324 B2 20060405; AT E168730 T1 19980815; DE 59600361 D1 19980827; DK 0773324 T3 19990426; DK 0773324 T4 20060814; ES 2121637 T3 19981201; ES 2121637 T5 20061116

DOCDB simple family (application)

EP 96810712 A 19961025; AT 96810712 T 19961025; DE 59600361 T 19961025; DK 96810712 T 19961025; ES 96810712 T 19961025