

Title (en)

Device for transmitting the forces in construction joints

Title (de)

Vorrichtung zur Kraftübertragung in Bauwerksfugen

Title (fr)

Dispositif de transmission des efforts dans les joints de construction

Publication

EP 0826847 A3 19990421 (DE)

Application

EP 97114443 A 19970821

Priority

DE 29615016 U 19960829

Abstract (en)

[origin: EP0826847A2] The device has at least one load-carrying element (4) to transmit force across a gap (3), especially in a concrete structure which is reinforced with steel. The element is made from one or more bars, which only have parts with rectangular cross sections. The element may have a flat bar with a rectangular cross section, in order to transmit vertically aligned forces. At least one end may be bent, and preferably both ends may be bent in order to form a double hook. At least one bent end may also shape-mate with the concrete, or may be able to be inserted into a sleeve (5) in the latter.

IPC 1-7

E04C 5/16; E04B 1/48

IPC 8 full level

E01C 11/14 (2006.01); **E01D 19/06** (2006.01); **E02D 29/16** (2006.01); **E04B 1/00** (2006.01); **E04B 1/48** (2006.01); **E04B 1/82** (2006.01); **E04C 5/16** (2006.01)

CPC (source: EP)

E01C 11/14 (2013.01); **E01D 19/06** (2013.01); **E02D 29/16** (2013.01); **E04B 1/0038** (2013.01); **E04B 1/82** (2013.01)

Citation (search report)

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- [X] EP 0388692 A1 19900926 - EGCO AG [CH]
- [X] DE 3318330 A1 19841213 - BRAUN HANSJOERG DIPL ING
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- [YA] DE 3422905 A1 19860102 - BRAUN HANSJOERG DIPL ING
- [A] US 3221458 A 19651207 - LUCAS JOSEPH N

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0826847 A2 19980304; **EP 0826847 A3 19990421**; **EP 0826847 B1 20050427**; AT E294298 T1 20050515; DE 29615016 U1 19961205; DE 59710947 D1 20031211

DOCDB simple family (application)

EP 97114443 A 19970821; AT 97114443 T 19970821; DE 29615016 U 19960829; DE 59710947 T 19970821