

Title (en)

Device for taking up tension forces

Title (de)

Vorrichtung zur Zugkraftübertragung

Title (fr)

Dispositif de reprise des efforts de traction

Publication

EP 0826845 A3 19990428 (DE)

Application

EP 97114441 A 19970821

Priority

DE 29615017 U 19960829

Abstract (en)

[origin: EP0826845A2] The device connects structural elements which are loaded in tension at butt-joints between reinforcement. The device has at least one element which ends in a loop forming part of a pair of elements (1,4) which are staggered in level. A connector (3) is arranged on an axis normal to the plane of the loop, and is at least partly surrounded by the latter. The connector makes a positive connection between the elements, and has a rounded outer circumference which corresponds to the inner circumference of the loop in at least one region in which it is surrounded. Both elements may have loops, and these may overlap in a region in which a connector with opposing rounded circumferential regions, can be arranged loosely.

IPC 1-7

E04C 5/16; E04B 1/00

IPC 8 full level

E04B 1/00 (2006.01); **E04C 3/12** (2006.01); **E04C 5/16** (2006.01)

CPC (source: EP)

E04B 1/0038 (2013.01); **E04C 3/12** (2013.01); **E04C 5/16** (2013.01)

Citation (search report)

- [XY] DE 3634568 A1 19870723 - DENNERT KG VEIT [DE]
- [YA] DE 957685 C
- [Y] DE 9318354 U1 19940324 - FRANK GMBH & CO KG MAX [DE]
- [A] DE 8417440 U1 19851010
- [A] FR 652225 A 19290306

Cited by

EP1041214A3

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 0826845 A2 19980304; **EP 0826845 A3 19990428**; **EP 0826845 B1 20050427**; AT E294296 T1 20050515; DE 29615017 U1 19961205; DE 59710944 D1 20031211

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