

Title (en)
DEVICE FOR LINKING REINFORCED CONCRETE ELEMENTS

Title (de)
VORRICHTUNG ZUM VERBINDEN VON ARMIERTEN BETONTEILEN

Title (fr)
DISPOSITIF POUR LIER DES ELEMENTS DE BETON ARME

Publication
EP 1021630 A1 20000726 (DE)

Application
EP 98940129 A 19980703

Priority
• DE 29711542 U 19970703
• DE 29711544 U 19970703
• EP 9804123 W 19980703

Abstract (en)
[origin: US6308478B1] The invention relates to a device enabling reinforced concrete elements (1, 2) to be linked by means of metal cables, certain portions of which are inserted into the just made concrete (1) while the cable portions which are not inserted protrude into the enclosure formed by the second contiguous concrete element (2). The first concrete element (1) presents a reinforcement which terminates in the area of contact with the second concrete element (2). In parallel or extension to said reinforcement of the first concrete element, pieces of metal cable (4) are inserted so as to provide either spaces for locating the cable free ends in the first concrete element, or passages in the enclosure formed by said first concrete element.

IPC 1-7
E04G 21/12; **E04C 5/16**

IPC 8 full level
E04B 1/00 (2006.01); **E04C 5/02** (2006.01); **E04C 5/16** (2006.01); **E04F 19/00** (2006.01); **E04G 21/12** (2006.01)

CPC (source: EP US)
E04B 1/0038 (2013.01 - EP US); **E04C 5/02** (2013.01 - EP US); **E04F 19/00** (2013.01 - EP US); **E04G 21/125** (2013.01 - EP US);
E04G 21/126 (2013.01 - EP US); **Y10T 403/54** (2015.01 - EP US)

Cited by
DE202018105138U1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB IT LI NL SE

DOCDB simple family (publication)
US 6308478 B1 20011030; AT E209286 T1 20011215; AU 8855498 A 19990125; CZ 296916 B6 20060712; CZ 479699 A3 20000614;
DE 59802763 D1 20020221; DK 1021630 T3 20020521; EP 1021630 A1 20000726; EP 1021630 B1 20011121; ES 2166183 T3 20020401;
HU 223050 B1 20040301; HU P0002654 A2 20001228; HU P0002654 A3 20030728; PL 338048 A1 20000925; WO 9901630 A1 19990114

DOCDB simple family (application)
US 44690300 A 20000103; AT 98940129 T 19980703; AU 8855498 A 19980703; CZ 479699 A 19980703; DE 59802763 T 19980703;
DK 98940129 T 19980703; EP 9804123 W 19980703; EP 98940129 A 19980703; ES 98940129 T 19980703; HU P0002654 A 19980703;
PL 33804898 A 19980703