

Title (en)
Element for connecting prefinished concrete elements

Title (de)
Verbindungselement zur Verbindung von Betonfertigteilen

Title (fr)
Connecteur pour éléments préfabriqués en béton

Publication
EP 1589156 A3 20080521 (DE)

Application
EP 05002768 A 20050210

Priority
DE 202004002110 U 20040211

Abstract (en)
[origin: EP1589156A2] In a construction project requiring the use of steel wire-reinforced concrete, wire loops (2) are anchored at each end (3) in a closed frame (1). The loops pass through apertures (1') close to the frame end (1a, 1b).

IPC 8 full level
E04B 1/41 (2006.01); **E04B 1/61** (2006.01); **E04G 21/12** (2006.01)

CPC (source: EP)
E04G 21/125 (2013.01); **E04G 21/126** (2013.01)

Citation (search report)
• [XY] CH 666931 A5 19880831 - HOFF WALTER
• [X] FR 2710091 A1 19950324 - SAUVEPLANE PIERRE [FR]
• [X] US 6308478 B1 20011030 - KINTSCHER MATTHIAS RICHARD [DE], et al
• [X] DE 9407998 U1 19940714 - DAUSEND HANS WERNER [DE]
• [YA] EP 0103060 A1 19840321 - BRECHBUHLER FRITZ [CH], et al
• [AP] KINTSCHER M R: "THE VS(R) SYSTEM - A SUCCESS STORY ACHIEVED THROUGH CONSISTENT FURTHER DEVELOPMENT", BFT INTERNATIONAL, BAUVERLAG, GUTERSLOH, DE, vol. 73, no. 8, August 2007 (2007-08-01), pages 26 - 28,30, XP001505789, ISSN: 0373-4331

Cited by
DE202009000910U1; EP3879045A1; EP2407612A3; CN110185155A; DE102020203108A1; DE202010010127U1; EP2407612A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
DE 202004002110 U1 20050630; AT E432393 T1 20090615; DE 502005007331 D1 20090709; DK 1589156 T3 20090907;
DK 2055846 T3 20130107; EP 1589156 A2 20051026; EP 1589156 A3 20080521; EP 1589156 B1 20090527; EP 2055846 A1 20090506;
EP 2055846 B1 20121010; ES 2327047 T3 20091023; ES 2396476 T3 20130221; PL 1589156 T3 20091030; PL 2055846 T3 20130329

DOCDB simple family (application)
DE 202004002110 U 20040211; AT 05002768 T 20050210; DE 502005007331 T 20050210; DK 05002768 T 20050210;
DK 09153597 T 20050210; EP 05002768 A 20050210; EP 09153597 A 20050210; ES 05002768 T 20050210; ES 09153597 T 20050210;
PL 05002768 T 20050210; PL 09153597 T 20050210