

Title (en)
Device for connecting ready-mixed concrete sections

Title (de)
Vorrichtung zum Verbund von Fertigbetonteilen

Title (fr)
Dispositif de liaison de supports en béton préfabriqués

Publication
EP 2239397 A1 20101013 (DE)

Application
EP 09011410 A 20090312

Priority
• EP 09011410 A 20090312
• EP 09003587 A 20090312

Abstract (en)
The device has cable sections forming a cable loop (20) that includes a cable core to hold the cable sections in bent position. The cable core is plastically deformed and lies within the cable sections of the cable loop. An insert body (10) includes an opening for the cable loop and inserted into a recess (1a) of pre-cast concrete sections (1, 2). The insert body is located at a front side on the pre-cast concrete sections such that the pre-cast concrete sections are surface-precisely locked with the front edge.

Abstract (de)
Vorrichtung zum Verbund von Fertigbetonteilen (1, 2), umfassend eine Seilschleufe (20), wobei die die Seilschleufe (20) bildenden Seilabschnitte (21, 22) Mittel (26, 29) aufweisen, um die Seilabschnitte in abgewinkelter Position zu halten, wobei das Mittel (29) eine in dem Seil der Seilschleufe (20) einliegende Seilseele (29) ist, die plastisch verformbar ist.

IPC 8 full level
E04G 21/14 (2006.01); **D07B 1/06** (2006.01)

CPC (source: EP US)
E04G 21/126 (2013.01 - EP); **E04G 21/142** (2013.01 - EP US); **Y10T 403/1608** (2015.01 - EP US); **Y10T 403/54** (2015.01 - EP US)

Citation (applicant)
• EP 1637670 A1 20060322 - HALFEN GMBH & CO KG [DE]
• EP 0914531 B1 20010530 - PFEIFER SEIL HEBETECH [DE]
• DE 202007011243 U1 20071025 - PHILIPP GMBH [DE]
• EP 0534475 B1 19960529 - PHILIPP GMBH GEB [DE]
• DE 3322646 A1 19840308 - PHILIPP GMBH GEB [DE]

Citation (search report)
• [DA] DE 202007011243 U1 20071025 - PHILIPP GMBH [DE]
• [DA] EP 0914531 B1 20010530 - PFEIFER SEIL HEBETECH [DE]
• [A] DE 20319471 U1 20050120 - PFEIFER HOLDING GMBH & CO KG [DE]
• [A] FR 1602226 A 19701026
• [A] DE 10225699 B3 20040408 - DRAHTCORD SAAR GMBH & CO KG [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2228505 A1 20100915; EP 2228505 B1 20140423; AT E487834 T1 20101115; CA 2692365 A1 20100912; CA 2692365 C 20121023; CA 2695604 A1 20100912; CA 2695604 C 20121127; DE 502009000173 D1 20101223; DK 2233664 T3 20110214; DK 2239397 T3 20131104; EP 2233664 A1 20100929; EP 2233664 B1 20101110; EP 2239397 A1 20101013; EP 2239397 B1 20130821; ES 2351951 T3 20110214; ES 2435203 T3 20131216; PL 2233664 T3 20110429; PL 2239397 T3 20140131; PT 2233664 E 20101122; US 2010229490 A1 20100916; US 2010251656 A1 20101007; US 8387328 B2 20130305; US 8567148 B2 20131029

DOCDB simple family (application)
EP 10002336 A 20100306; AT 09003587 T 20090312; CA 2692365 A 20100210; CA 2695604 A 20100309; DE 502009000173 T 20090312; DK 09003587 T 20090312; DK 09011410 T 20090312; EP 09003587 A 20090312; EP 09011410 A 20090312; ES 09003587 T 20090312; ES 09011410 T 20090312; PL 09003587 T 20090312; PL 09011410 T 20090312; PT 09003587 T 20090312; US 72255710 A 20100312; US 72266810 A 20100312