

Title (en)

ANCHORING FOR STRIP-SHAPED TRACTION ELEMENTS ON SUPPORTING STRUCTURES

Title (de)

VERANKERUNG FÜR BANDFÖRMIGE ZUGGLIEDER AN TRAGWERKEN

Title (fr)

ANCRAGE POUR DES ELEMENTS DE TRACTION EN FORME DE BANDE FIXES A DES STRUCTURES PORTEUSES

Publication

**EP 1664461 A1 20060607 (DE)**

Application

**EP 04764725 A 20040902**

Priority

- EP 2004009766 W 20040902
- DE 10341376 A 20030909

Abstract (en)

[origin: WO2005026471A1] The clamping element (14, 15) is supported in a positive fit on the base plate (3, 6) in the direction of traction of the traction element (1) in said anchoring for prestressed strip-shaped traction elements on supporting structures, especially concrete structures, whereby the traction element is received between a base plate which is fixed to the supporting structure and a clamping plate which can be clamped against the base plate and is fixed by adhesion and clamping. The clamping plate (14, 15) can comprise, on each side of the traction element (1), a retaining cam plate (20) which projects in a downward manner and which engages in a retaining recess (21) of the base plate (3 and/or 6), or can comprise a retaining projection (22) which supports a stop (23, 25) which is connected to the base plate (3, 6). The stops (23, 25) on the upper side of the base plate (3, 6) are welded push blocks which are arranged on both sides and/or in the region of the front side of the clamping plate (14, 15). The clamping plate (14, 15) can be secured in the position thereof such that it supports the base plate (3, 6) in a positive fit by means of a positioning device (26) which is mounted in a detachable manner in the direction of traction of the traction element (1). The positioning device (26) is a threaded rod (27) operating between the clamping element (14, 15) and a bridge (28) connected to the base plate (3, 6).

IPC 1-7

**E04G 23/02**

IPC 8 full level

**E04G 23/02** (2006.01)

CPC (source: EP KR US)

**E04G 23/02** (2013.01 - KR); **E04G 23/0218** (2013.01 - EP US); **E04G 2023/0255** (2013.01 - EP US); **E04G 2023/0259** (2013.01 - EP US); **E04G 2023/0262** (2013.01 - EP US)

Citation (examination)

DE 19742210 A1 19990325 - GOEHLER BERNHARD DIPL ING [DE], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005026471 A1 20050324**; **WO 2005026471 A8 20050811**; DE 10341376 A1 20050331; EP 1664461 A1 20060607; JP 2007505236 A 20070308; KR 20060066170 A 20060615; US 2006272246 A1 20061207; US 7658041 B2 20100209

DOCDB simple family (application)

**EP 2004009766 W 20040902**; DE 10341376 A 20030909; EP 04764725 A 20040902; JP 2006525101 A 20040902; KR 20067000563 A 20060109; US 55419605 A 20051024