

Title (en)
DEVICE AND METHOD FOR A TOWER REINFORCING FOUNDATION

Title (de)
VORRICHTUNG UND VERFAHREN FÜR EIN TURMVERSTÄRKENDES FUNDAMENT

Title (fr)
DISPOSITIF ET PROCEDE DE RENFORCEMENT D'UNE FONDATION DE PYLONE

Publication
EP 1794375 A2 20070613 (FR)

Application
EP 05797486 A 20050811

Priority
• FR 2005050671 W 20050811
• FR 0408837 A 20040812

Abstract (en)
[origin: WO2006018590A2] The invention relates to a device for carrying out the pulling reinforcement of a tower foundation embodied in the form of at least one block (10) which is buried into the ground and comprises a part (12) having a larger horizontal section, wherein said device consists of a buried plate (20) which extends outside the vertical projections of the periphery of the part (12) and is made of a mixture of materials extracted in situ or transported from outside (such as treated gravel) or of the mixture thereof and of at least one type of binder. Advantageously, the total amount of the binder in said mixture ranges from 3 to 15 % by weight. Said invention can be used for compensating the pulling weakness of the surface foundation of an existing tower.

IPC 8 full level
E02D 27/50 (2006.01); **E02D 27/42** (2006.01)

CPC (source: EP US)
E02D 27/42 (2013.01 - EP US); **E02D 27/50** (2013.01 - EP US)

Citation (search report)
See references of WO 2006018590A2

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2874223 A1 20060217; FR 2874223 B1 20080418; AT E404740 T1 20080815; BR PI0514614 A2 20100831; BR PI0514614 B1 20170131; CA 2576628 A1 20060223; CA 2576628 C 20130514; CN 100549310 C 20091014; CN 101040088 A 20070919; CY 1108855 T1 20140702; DE 602005008998 D1 20080925; DK 1794375 T3 20081208; EP 1794375 A2 20070613; EP 1794375 B1 20080813; EP 1794375 B8 20090107; ES 2313425 T3 20090301; MA 28797 B1 20070801; PL 1794375 T3 20090227; PT 1794375 E 20081125; RU 2007104788 A 20080920; RU 2392387 C2 20100620; SI 1794375 T1 20090630; TN SN07049 A1 20080602; US 2008056830 A1 20080306; US 7993079 B2 20110809; WO 2006018590 A2 20060223; WO 2006018590 A3 20060601

DOCDB simple family (application)
FR 0408837 A 20040812; AT 05797486 T 20050811; BR PI0514614 A 20050811; CA 2576628 A 20050811; CN 200580034548 A 20050811; CY 081101303 T 20081113; DE 602005008998 T 20050811; DK 05797486 T 20050811; EP 05797486 A 20050811; ES 05797486 T 20050811; FR 2005050671 W 20050811; MA 29675 A 20070209; PL 05797486 T 20050811; PT 05797486 T 20050811; RU 2007104788 A 20050811; SI 200530459 T 20050811; TN SN07049 A 20070209; US 65982105 A 20050811