

Title (en)
REINFORCED STRUCTURES IN THE GROUND

Title (de)
BEWEHRTE ERDE

Title (fr)
OUVRAGES EN SOL RENFORCÉ

Publication
EP 2691578 B1 20150304 (FR)

Application
EP 12718285 A 20120330

Priority
• FR 1152639 A 20110330
• FR 2012050694 W 20120330

Abstract (en)
[origin: WO2012131273A2] The invention relates to reinforced structures in the ground, including an embankment, a facing (4) placed along the front surface of the structure, an anchoring element (6) including a projecting element (8), which projects relative to an inner surface of the structure and an attachment element (10), and a stabilisation element (12) including at least two longitudinal portions (14, 16) continuously connected together by an elbow portion (18), said elbow portion being delimited by a throat (20) forming, together with said elbow portion, an anchoring space suitable for receiving the attachment element of the anchoring element, the anchoring space and the attachment element being shaped so as to limit the movement of the stabilisation element in every direction substantially parallel to the longitudinal direction of the stabilisation element (12).

IPC 8 full level
E02D 29/02 (2006.01)

CPC (source: EP US)
E02D 17/20 (2013.01 - US); **E02D 29/0233** (2013.01 - US); **E02D 29/0241** (2013.01 - EP US); **E04C 5/12** (2013.01 - EP US)

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012131273 A2 20121004; WO 2012131273 A3 20130718; AU 2012236049 A1 20131024; AU 2012236049 B2 20170511; BR 112013024808 A2 20161220; CA 2830331 A1 20121004; EP 2691578 A2 20140205; EP 2691578 B1 20150304; ES 2534381 T3 20150422; FR 2973401 A1 20121005; FR 2973401 B1 20140516; JP 2014509698 A 20140421; JP 6018170 B2 20161102; MX 2013011159 A 20131101; MX 338398 B 20160415; MY 166672 A 20180718; PL 2691578 T3 20150731; RU 2013148142 A 20150510; RU 2597894 C2 20160920; US 2014003869 A1 20140102; US 8979437 B2 20150317; ZA 201307290 B 20141223

DOCDB simple family (application)
FR 2012050694 W 20120330; AU 2012236049 A 20120330; BR 112013024808 A 20120330; CA 2830331 A 20120330; EP 12718285 A 20120330; ES 12718285 T 20120330; FR 1152639 A 20110330; JP 2014501698 A 20120330; MX 2013011159 A 20120330; MY PI2013003556 A 20120330; PL 12718285 T 20120330; RU 2013148142 A 20120330; US 201214005503 A 20120330; ZA 201307290 A 20130330