

Title (en)

Assembly and method for manufacturing a slotted wall element

Title (de)

Verfahren und Anordnung zum Erstellen eines Schlitzwandelementes

Title (fr)

Procédé et agencement destinés à la fabrication d'un élément de paroi moulée

Publication

EP 2623677 B1 20150107 (DE)

Application

EP 12000598 A 20120131

Priority

EP 12000598 A 20120131

Abstract (en)

[origin: EP2623677A1] The soil material is removed to form a slot (58) in the ground (64), and a hardenable material is introduced into the slot to form a slotted wall element. Two cables (26) are tensioned between the erosion apparatus (30) and a support device (14). The positions of two vertically spaced-apart cable points (42) of the cables are measured by a measuring device (40), through angle and range measurements. The determined positions of cable points are used for determining the position of erosion apparatus in the ground. An independent claim is included for an arrangement for creating slotted wall element in ground.

IPC 8 full level

E02D 5/18 (2006.01); **E02D 17/13** (2006.01)

CPC (source: EP KR US)

E02D 5/18 (2013.01 - US); **E02D 5/20** (2013.01 - KR); **E02D 17/13** (2013.01 - EP US); **E02D 33/00** (2013.01 - KR)

Cited by

WO2014114369A1; CN110243344A; EP3865818A1; WO2022117777A1; EP3366844A1

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)

EP 2623677 A1 20130807; EP 2623677 B1 20150107; CA 2795681 A1 20130731; CA 2795681 C 20150324; ES 2533573 T3 20150413; HK 1182151 A1 20131122; HU E024532 T2 20160128; JP 2013155598 A 20130815; JP 5642813 B2 20141217; KR 101459063 B1 20141107; KR 20130088805 A 20130808; MY 168673 A 20181129; PL 2623677 T3 20150430; RU 2012149608 A 20140527; RU 2528329 C2 20140910; US 2013223939 A1 20130829; US 8864422 B2 20141021

DOCDB simple family (application)

EP 12000598 A 20120131; CA 2795681 A 20121115; ES 12000598 T 20120131; HK 13109465 A 20130813; HU E12000598 A 20120131; JP 2013014346 A 20130129; KR 20130010902 A 20130131; MY PI2012005328 A 20121210; PL 12000598 T 20120131; RU 2012149608 A 20121122; US 201213608972 A 20120910