

Title (en)

DEVICE AND METHOD FOR LAYING THE FOUNDATIONS OF A SOLAR COLLECTOR SUPPORTING STRUCTURE IN THE GROUND

Title (de)

VORRICHTUNG UND VERFAHREN ZUR LEGUNG DES FUNDAMENTS EINER SONNENKOLLEKTORTRÄGERSTRUKTUR IM ERDBODEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE CIMENTATION AU SOL D'UNE STRUCTURE DE SUPPORT DE COLLECTEURS SOLAIRES

Publication

EP 2685008 A4 20140910 (EN)

Application

EP 12755656 A 20120305

Priority

- ES 201130313 A 20110308
- ES 2012070138 W 20120305

Abstract (en)

[origin: EP2685008A1] The invention enables the foundations of a solar collector supporting structure to be laid in the ground (1) rapidly, precisely, and in a simple, clean and cost-effective manner. Said device comprises: at least one post (3) having a first end (4) to be inserted into the ground (1) and a second end (5) that protrudes from the ground (1); and means for connecting the post (3) to the structure (2), comprising a bolt (7) or a cover (30). The method comprises: introducing the first end (4) of the post (3) into the ground (1), leaving the second end (5) outside the ground (1); fixing the bolt (7) to the post (3); and fixing the structure (2) to the bolt (7) or the cover (30).

IPC 8 full level

E02D 5/56 (2006.01); **E02D 5/80** (2006.01); **E02D 27/32** (2006.01)

CPC (source: EP ES US)

E02D 5/56 (2013.01 - EP US); **E02D 5/801** (2013.01 - EP US); **E02D 27/32** (2013.01 - EP ES US)

Citation (search report)

- [A] EP 1176258 A1 20020130 - PLICA WERKZEUGFABRIK AG [CH]
- [A] GB 2358030 A 20010711 - PORTASILO LTD [GB]
- [AD] GB 2397327 A 20040721 - SCREW FAST FOUNDATIONS LTD [GB]
- [AD] GB 2360809 A 20011003 - SCREW FAST FOUNDATIONS LTD [GB]
- See references of WO 2012120174A1

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 2685008 A1 20140115; EP 2685008 A4 20140910; EP 2685008 B1 20150916; CL 2013002558 A1 20140818; CN 103597142 A 20140219; ES 2400430 A2 20130409; ES 2400430 B1 20140326; ES 2400430 R1 20130611; ES 2562477 T3 20160304; US 2014321922 A1 20141030; WO 2012120174 A1 20120913; WO 2012120174 A4 20121101; ZA 201306707 B 20140528

DOCDB simple family (application)

EP 12755656 A 20120305; CL 2013002558 A 20130905; CN 201280019953 A 20120305; ES 12755656 T 20120305; ES 201130313 A 20110308; ES 2012070138 W 20120305; US 201214003695 A 20120305; ZA 201306707 A 20130906