

Title (en)

Fitting apparatus of an access trap to underground civil engineering building works

Title (de)

Ausrüstungsanordnung einer Zugangsklappe zu unterirdischen Bauwesenwerken

Title (fr)

Dispositif d'équipement d'une trappe d'accès aux ouvrages souterrains du génie civil

Publication

EP 1013833 B1 20041006 (FR)

Application

EP 99403221 A 19991220

Priority

FR 9816260 A 19981222

Abstract (en)

[origin: EP1013833A1] The system has a flat hatch plate (3) engaging with a fixed frame (1) with a hinge plate engaging the walls of a subterranean chamber. A support lug (8) welded to the plate may accommodate a threaded rod (10) connected (11) to a link (15) with a long slot. A round hole at the other end accommodates a bolt connecting it to a lug in the middle of the hatch.

IPC 1-7

E02D 29/14

IPC 8 full level

E02D 29/14 (2006.01); **E02D 29/12** (2006.01)

CPC (source: EP)

E02D 29/1418 (2013.01); **E02D 29/1463** (2013.01)

Cited by

WO2010081953A1; FR2943359A1; FR2940986A1; CN102341545A; RU2503815C1; RU2504620C2; US9267261B2; WO2010106266A1

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DOCDB simple family (publication)

EP 1013833 A1 20000628; **EP 1013833 B1 20041006**; AT E278844 T1 20041015; DE 69920854 D1 20041111; DE 69920854 T2 20051020; ES 2229647 T3 20050416; FR 2787476 A1 20000623; FR 2787476 B1 20010302

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