

Title (en)

Closing device for a manhole or an inspection shaft

Title (de)

Verschlussvorrichtung für einen Kontroll- oder Inspektionsschacht

Title (fr)

Dispositif de fermeture de regard de visite ou d'inspection

Publication

**EP 1091046 B1 20060111 (FR)**

Application

**EP 00470018 A 20001003**

Priority

FR 9912581 A 19991008

Abstract (en)

[origin: EP1091046A1] The tenon (23) has two branches one of which when locked extends above a pivot (14) in the direction of the cavity bottom and the other under the upper branch. The upper branch and pivot comprise a recess (234) and a lug (141) housed in the recess when in the locked position prevents translation of the cover separating the tenon from the cavity bottom. The locking system comprises a frame (1) and a hinged cover (2) with a cavity (13) in the frame wall. A tenon (23) carried by an edge of the cover extends into the cavity.

IPC 8 full level

**E02D 29/14** (2006.01); **E05D 7/10** (2006.01); **E02D 29/12** (2006.01)

CPC (source: EP)

**E02D 29/14** (2013.01); **E02D 29/1418** (2013.01); **E02D 29/1463** (2013.01); **E05D 7/1072** (2013.01); **E05Y 2999/00** (2024.05)

Cited by

CN104452817A; FR2959519A1; CN103469819A; CN105672454A; CN104153395A; FR2953867A1; FR2976600A1; RU2598611C2; US8869452B2; US8998528B2; WO2011135260A3; WO2012171960A1; WO2011070263A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 1091046 A1 20010411**; **EP 1091046 B1 20060111**; AR 028870 A1 20030528; AT E315690 T1 20060215; BR 0004691 A 20021231; CY 1105455 T1 20100428; DE 60025460 D1 20060406; DE 60025460 T2 20060824; DK 1091046 T3 20060529; ES 2255481 T3 20060701; FR 2799478 A1 20010413; FR 2799478 B1 20011109; PT 1091046 E 20060531; ZA 200005500 B 20010423

DOCDB simple family (application)

**EP 00470018 A 20001003**; AR P000104942 A 20000921; AT 00470018 T 20001003; BR 0004691 A 20001005; CY 061100462 T 20060403; DE 60025460 T 20001003; DK 00470018 T 20001003; ES 00470018 T 20001003; FR 9912581 A 19991008; PT 00470018 T 20001003; ZA 200005500 A 20001009