

Title (en)
Manhole cover

Title (de)
Schachtabdeckung

Title (fr)
Dispositif de voirie

Publication
EP 2366835 B1 20120829 (FR)

Application
EP 11157178 A 20110307

Priority
FR 1051838 A 20100315

Abstract (en)
[origin: EP2366835A1] The manhole has a stop (38) secured to a frame and perpendicular to rear end wall (3) of the frame, and a self-locking arm (30) whose end is pivotally mounted to the frame and is slidable in a fixed longilinear guiding groove (35) such that the end approaches a front end wall (3) of the frame during tilting of a rectangular shaped plug (8) towards a closed position of the plug. The end bearing on the stop during tilting of the plug causes the plug to withdraw towards the rear end wall adjacent to a hinged side of the plug such that the plug closes an opening of the frame.

IPC 8 full level
E02D 29/14 (2006.01)

CPC (source: EP US)
E02D 29/14 (2013.01 - EP US); **E02D 29/1418** (2013.01 - EP US); **E02D 29/1454** (2013.01 - EP US); **E02D 29/1463** (2013.01 - EP US);
E02D 29/1409 (2013.01 - EP US)

Cited by
CN114150703A

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 2366835 A1 20110921; EP 2366835 B1 20120829; AU 2011201060 A1 20110929; AU 2011201060 B2 20150212;
BR PI1101329 A2 20120904; CA 2733838 A1 20110915; CN 102191780 A 20110921; CN 102191780 B 20140702; CO 6340181 A1 20111121;
EG 26473 A 20131126; ES 2394285 T3 20130130; FR 2957367 A1 20110916; FR 2957367 B1 20120302; MX 2011002768 A 20110914;
NZ 591687 A 20121130; PL 2366835 T3 20130131; PT 2366835 E 20121212; RU 2011109668 A 20120920; RU 2526924 C2 20140827;
US 2011222964 A1 20110915; ZA 201101931 B 20111130

DOCDB simple family (application)

EP 11157178 A 20110307; AU 2011201060 A 20110309; BR PI1101329 A 20110314; CA 2733838 A 20110308; CN 201110063684 A 20110315;
CO 11032050 A 20110315; EG 2011030412 A 20110315; ES 11157178 T 20110307; FR 1051838 A 20100315; MX 2011002768 A 20110314;
NZ 59168711 A 20110311; PL 11157178 T 20110307; PT 11157178 T 20110307; RU 2011109668 A 20110314; US 201113048389 A 20110315;
ZA 201101931 A 20110314