

Title (en)

DEVICE FOR HINGING A LID OR COVER TO A FRAME, SUCH AS A MANHOLE

Title (de)

VORRICHTUNG ZUM EINHÄNGEN EINES DECKELS ODER EINER ABDECKUNG IN EINEN RAHMEN WIE ETWA EINEN SCHACHT

Title (fr)

DISPOSITIF D'ARTICULATION D'UN TAMPON OU COUVERCLE À UN CADRE, NOTAMMENT D'UN REGARD DE CHAUSSEE

Publication

EP 2078116 A2 20090715 (FR)

Application

EP 07858564 A 20071012

Priority

- FR 2007052136 W 20071012
- FR 0654268 A 20061013

Abstract (en)

[origin: WO2008043972A3] The present invention relates to a device for hinging a lid or cover to a frame, such as a manhole. The device is characterized in that it comprises two lateral pairs of links (6, 7) connecting the lid (2) to the frame (3) and allowing, when a lifting force is applied to the lid (2) occupying its lowered closed position, a couple to be applied to the lid (2) causing the lid (2) to come out of the frame (3) and causing the lid (2) to pivot about itself to its raised position in which it is held by the links (6, 7). The invention is applicable to roads.

IPC 8 full level

E02D 29/14 (2006.01)

CPC (source: EP)

E02D 29/14 (2013.01); **E02D 29/1418** (2013.01); **E02D 29/1454** (2013.01); **E02D 29/1463** (2013.01)

Cited by

USD941028S

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

RS

DOCDB simple family (publication)

WO 2008043972 A2 20080417; **WO 2008043972 A3 20080605**; AT E543955 T1 20120215; AU 2007306148 A1 20080417; AU 2007306148 B2 20120823; CN 101583764 A 20091118; CN 101583764 B 20121219; EP 2078116 A2 20090715; EP 2078116 B1 20120201; ES 2381214 T3 20120524; FR 2907143 A1 20080418; FR 2907143 B1 20100101; MA 30788 B1 20091001; NO 20091812 L 20090702; PL 2078116 T3 20120629; PT 2078116 E 20120502; RS 52208 B 20121031; SI 2078116 T1 20120531

DOCDB simple family (application)

FR 2007052136 W 20071012; AT 07858564 T 20071012; AU 2007306148 A 20071012; CN 200780045784 A 20071012; EP 07858564 A 20071012; ES 07858564 T 20071012; FR 0654268 A 20061013; MA 31778 A 20090410; NO 20091812 A 20090507; PL 07858564 T 20071012; PT 07858564 T 20071012; RS P20120143 A 20071012; SI 200730906 T 20071012