

Title (en)
Cover for an underground structure manhole

Title (de)
Deckel für einen Wartungsschacht

Title (fr)
Couvercle pour un réagrd de chaussée

Publication
EP 2508679 B1 20130925 (EN)

Application
EP 11380030 A 20110405

Priority
EP 11380030 A 20110405

Abstract (en)
[origin: EP2508679A1] The cover comprises a frame (10) for being fixed to said manhole and a lid (50) for covering a passage opening (11) of the frame. An inner edge (14) of the passage opening (11) of the frame and an outer edge (51) of the lid have the form of respective first and second non-circular curves of constant width, geometrically similar to one another. In the curves of constant width, a distance between two parallel geometric lines tangent to opposite points of said inner edge (14) of the passage opening (11) of the frame or outer edge (51) of the lid is constant no matter what the direction of said two parallel lines. The frame (10) and the lid (50) are lighter than a circular frame and o lid having an equivalent diameter.

IPC 8 full level
E02D 29/14 (2006.01)

CPC (source: EP)
E02D 29/14 (2013.01)

Cited by
CN105040739A; AT16815U1

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 2508679 A1 20121010; EP 2508679 B1 20130925

DOCDB simple family (application)
EP 11380030 A 20110405