

Title (en)

Anti-theft device for manhole covers and related securing method

Title (de)

Diebstahlsicherung für Schachtabdeckungen und dazugehöriges Sicherungsverfahren

Title (fr)

Dispositif antivol pour couvercles de regard et procédé de sécurisation associé

Publication

**EP 2543772 A2 20130109 (EN)**

Application

**EP 12002012 A 20120322**

Priority

PT 10558011 A 20110323

Abstract (en)

This invention relates to an anti-theft device and method applied to hinge-based locking systems, in particular, those used in manholes. The device comprises a ring (1); a lid (2) to connect with the ring; a locking hook (3) of the lid (2) pivot that is placed onto cavities (1A and 1B) located in the ring (1); the lid (2) comprising a set of joining means with the ring. The ring (1) of the assembly can be located either secured to the ground with bituminous filler, cement or fixed with further binders and, to prevent the cover theft, the hook (3) external body is entirely covered with the pavement, so that solely with its removal/destruction will it be possible to take the lid out from the ring. The hook (3) may be placed in a stage when the ring (1) is already partially secured to the pavement. This invention is, therefore, chiefly useful to prevent the cover theft, while maintaining, on the other hand, all typical features and functionalities of the assembly.

IPC 8 full level

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CPC (source: EP)

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Cited by

PT10904T; PT10904U

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2543772 A2 20130109; EP 2543772 A3 20150909; EP 2543772 B1 20160316**; PT 105580 A 20120924; PT 105580 B 20130102

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