

Title (en)

A COVER ADAPTED TO OPENING AND CLOSING A MANHOLE

Title (de)

ZUM ÖFFNEN UND SCHLIESSEN EINES MANNLOCHS AUSGEFÜHRTER DECKEL

Title (fr)

PROCEDE ET MECANISME D'OUVERTURE ET DE FERMETURE DE TAMPONS DE REGARDS D'EGOUT

Publication

**EP 1920114 A1 20080514 (EN)**

Application

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Abstract (en)

[origin: WO2006125435A1] The invention includes a method and mechanism for opening and closing covers including so-called manhole covers, which are typically used in relation with entrance openings of waste water line inspection wells. The new technique includes closing mechanisms with small areas of connection, which are very easy to clean in connection with opening and closing the covers. The new closing mechanisms have the high advantage that the covers after a simple cleaning process always closes correctly and are thereby prevented from tilting when heavy vehicles drive on them, which is a great problem of the known types of covers and cover closings. The closing mechanisms are provided with integrated bolts, which makes it easy and efficient to open and close the covers. The invention furthermore includes a new type of hinge, which is characterized in that it enables the occurrence of gaps between the covers and cover bases, which are small, when the covers are closed. This provides a good comfort when driving, for the road users, who drive on the manhole covers, and the problems with accumulating filth in the gaps are reduced to a minimum.

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