

Title (en)

MANHOLE COVER

Title (de)

SCHACHTABDECKUNG

Title (fr)

COUVERCLE D'UN REGARD DE CHAUSSEE

Publication

EP 3019666 B1 20171115 (EN)

Application

EP 14747215 A 20140710

Priority

- US 201313940698 A 20130712
- US 2014046148 W 20140710

Abstract (en)

[origin: WO2015006559A1] A manhole cover assembly configured to behave as a relief valve in an explosion event, opening so that fluid, such as air or explosive gas, may vent from an underground area. The manhole cover assembly may include a manhole cover and a frame, and may be configured to limit movement of the manhole cover with respect to the frame in response to increased pressure on the manhole cover. In one embodiment, the manhole cover may include legs having angled surfaces adapted to substantially center or guide the manhole cover in the frame while the manhole cover displaces to release pressure. In another embodiment, one or more legs slidable within the manhole cover to enable configuring the manhole cover between a restraint mode and a removal mode.

IPC 8 full level

E02D 29/14 (2006.01)

CPC (source: EP)

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

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DOCDB simple family (publication)

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