

Title (en)

CLOSURE FOR LOCKING A COVERING

Title (de)

VERSCHLUSS ZUM VERRIEGELN EINER ABDECKUNG

Title (fr)

FERMETURE PERMETTANT DE VERROUILLER UN REGARD

Publication

EP 2920373 A1 20150923 (DE)

Application

EP 13794843 A 20131113

Priority

- DE 102012110941 A 20121114
- EP 2013073671 W 20131113

Abstract (en)

[origin: WO2014076107A1] Coverings for structures which can be installed in the ground are known. For example, these are drainage channels or manholes. In order to lock the covering on the structure, closures are known which comprise a snap bolt which is designed in such a way and is mounted movably on the covering (20) against the force of a spring device in such a way that, during closing of the covering (20), the snap bolt is forced back and snaps in behind a counterbearing (14, 14') fixed to the structure in a closure position. To simplify the arrangement and also to improve durability, it is proposed that the snap bolt is mounted in a housing (40) which can be fastened in a housing receptacle of the covering (20).

IPC 8 full level

E02D 29/14 (2006.01); **E03F 5/06** (2006.01); **E05C 1/14** (2006.01)

CPC (source: CN EP US)

E01C 11/227 (2013.01 - US); **E02B 5/085** (2013.01 - US); **E02D 29/14** (2013.01 - CN EP US); **E02D 29/1427** (2013.01 - CN EP US); **E03F 5/06** (2013.01 - CN EP US); **E05B 35/008** (2013.01 - EP US); **E05B 65/006** (2013.01 - EP US); **E05C 19/06** (2013.01 - EP US); **E02D 2300/0006** (2013.01 - EP US); **E03F 2005/065** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2014076107A1

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Designated extension state (EPC)

BA ME

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DE 102012110941 A1 20140515; AU 2013346862 A1 20150521; AU 2013346862 B2 20170420; CN 104781474 A 20150715; CN 104781474 B 20170308; EP 2920373 A1 20150923; US 2016289913 A1 20161006; US 9689135 B2 20170627; WO 2014076107 A1 20140522

DOCDB simple family (application)

DE 102012110941 A 20121114; AU 2013346862 A 20131113; CN 201380058751 A 20131113; EP 13794843 A 20131113; EP 2013073671 W 20131113; US 201314442511 A 20131113