

Title (en)

DEVICE COMPRISING A RESILIENT DETENT ELEMENT FOR LOCKING A COVER TO A DRAINAGE CHANNEL

Title (de)

VORRICHTUNG MIT EINEM ELASTISCHEN RASTELEMENT ZUM ARRETIEREN EINER ABDECKUNG AUF EINER ENTWÄSSERUNGSRINNE

Title (fr)

DISPOSITIF DOTÉ D'UN ÉLÉMENT D'ENCLIQUETAGE ÉLASTIQUE POUR BLOQUER UN ÉLÉMENT DE RECOUVREMENT SUR UN CANIVEAU D'ÉCOULEMENT DES EAUX

Publication

EP 2596181 A1 20130529 (DE)

Application

EP 11735860 A 20110718

Priority

- DE 102010036509 A 20100720
- EP 2011062217 W 20110718

Abstract (en)

[origin: WO2012010544A1] The invention relates to a device for locking a cover (2) to a drainage channel or similar drainage element (4), comprising a detent element (6) which can be fastened to the cover (2) and which, as the cover (2) is placed onto the drainage element (4) in an engagement direction RE, can be engaged in a releasable locking engagement with a complementary detent counter-element (8) on the drainage element (4), or vice versa. The detent element (6) is formed as a resilient hollow profile element (10) and is disposed such that it deforms as it is engaged with the detent counter-element (8) or is disengaged from the detent counter-element (8), and the necessary engagement force FE in the engagement direction RE is less than the necessary disengagement force FA in the disengagement direction RA.

IPC 8 full level

E03F 5/06 (2006.01)

CPC (source: EP)

E03F 5/06 (2013.01); **E03F 2005/065** (2013.01)

Citation (search report)

See references of WO 2012010544A1

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)

DE 102010036509 A1 20120126; EP 2596181 A1 20130529; WO 2012010544 A1 20120126

DOCDB simple family (application)

DE 102010036509 A 20100720; EP 11735860 A 20110718; EP 2011062217 W 20110718