

Title (en)
Device for preventing the rotation of protection caps

Title (de)
Schutzhaubenverdrehsicherungsvorrichtung

Title (fr)
Dispositif de blocage de tournevis de protection

Publication
EP 2607014 B1 20170301 (DE)

Application
EP 12191781 A 20121108

Priority
DE 102011089754 A 20111223

Abstract (en)
[origin: EP2607014A2] The device (10a) has a clamping unit (16a) for tightening a protective cover unit (14a). The clamping unit comprises a clamping element that is co-acted with another clamping element (18a). An anti-twist plate unit (22a) comprises an anti-twist plate element (24a). A movement coupling unit moves the anti-twist plate element based on a movement of the clamping elements. The movement coupling unit comprises an energy storage element i.e. spring element. Two ends of the energy storage element are supported on the anti-twist plate element and one of the clamping elements. The clamping elements are designed as a clamping screw and a band.

IPC 8 full level
B24B 23/02 (2006.01); **B24B 55/05** (2006.01)

CPC (source: EP)
B24B 23/028 (2013.01); **B24B 55/052** (2013.01)

Cited by
US2014057538A1; US9089950B2

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)
EP 2607014 A2 20130626; EP 2607014 A3 20141001; EP 2607014 B1 20170301; CN 103170911 A 20130626; CN 103170911 B 20170811;
DE 102011089754 A1 20130627

DOCDB simple family (application)
EP 12191781 A 20121108; CN 201210562783 A 20121221; DE 102011089754 A 20111223