

Title (en)

Dismantling device for dismantling magnetically detachable anti-thief devices

Title (de)

Lösevorrichtung zum Lösen von magnetisch lösbaren Diebstahlsicherungen

Title (fr)

Dispositif de déclenchement destiné au déclenchement de sécurités contre le vol pouvant être déclenchées de manière magnétique

Publication

EP 2056307 B1 20101222 (DE)

Application

EP 08163674 A 20080904

Priority

CH 15182007 A 20071001

Abstract (en)

[origin: EP2056307A1] The mechanism (1) has a continuous and self-contained ring-shaped frame magnet (2) arranged between a cover plate and a ferromagnetic base plate and magnetized in an axial direction. A circular disc-shaped segmented magnet (3) is magnetized in a radial direction, where design height of the segmented magnet is greater than design height of the frame magnet. An axially magnetized magnetic core (4) is inserted into a recess that is formed in the segmented magnet, where the segmented magnet, frame magnet and the magnetic core are non-detachably secured to the base plate. An independent claim is also included for a Halbach array for releasing a magnetically held anti-theft device.

IPC 8 full level

H01F 7/02 (2006.01)

CPC (source: EP US)

E05B 73/0017 (2013.01 - EP US); **H01F 7/0278** (2013.01 - EP US); **H01F 7/021** (2013.01 - EP US); **Y10T 24/32** (2015.01 - EP US); **Y10T 24/50** (2015.01 - EP US)

Cited by

DE102015104888B4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2009083951 A1 20090402; **US 7921524 B2 20110412**; AT E492892 T1 20110115; DE 502008002064 D1 20110203; EP 2056307 A1 20090506; EP 2056307 B1 20101222

DOCDB simple family (application)

US 28645108 A 20080930; AT 08163674 T 20080904; DE 502008002064 T 20080904; EP 08163674 A 20080904