

Title (en)

MULTI-LOCK SECURITY DEVICE AND DETACHING DEVICE FOR USE THEREWITH

Title (de)

MEHRERE SCHLÖSSER UMFASSENDE SICHERHEITSVORRICHTUNG UND TRENNVORRICHTUNG ZUR VERWENDUNG DAMIT

Title (fr)

DISPOSITIF DE SÉCURITÉ À MULTIPLES VEROUS ET DISPOSITIF DE LIBÉRATION À UTILISER AVEC CELUI-CI

Publication

EP 2394009 A4 20140827 (EN)

Application

EP 09839499 A 20090206

Priority

CA 2009000148 W 20090206

Abstract (en)

[origin: WO2010088752A1] A security device for use in association with a security pin includes a tag body, a spring lock and a magnetic lock. The tag body has a body aperture formed therein adapted to receive the security pin. The spring lock is situated within the tag body and has a spring lock aperture formed therein in registration with the body aperture. The spring lock is adapted to engage the security pin when in an engaged position and release the security pin when in a released position. The magnetic lock is within the tag body and has a magnetic lock aperture. The magnetic lock is adapted to engage the security pin when in an engaged position and to release the security pin when in a release position. The spring lock and the magnetic lock need to both be in the released position to successfully remove the security pin from the security device. A detaching device to move the spring lock and the magnetic lock into the released such that they are both in the release position at the same time is also shown.

IPC 8 full level

E05B 69/00 (2006.01); **A47F 7/024** (2006.01); **A47F 13/00** (2006.01); **E05B 73/00** (2006.01); **G08B 13/24** (2006.01)

CPC (source: EP)

E05B 73/0017 (2013.01); **E05B 73/0052** (2013.01)

Citation (search report)

- [X] US 6449991 B1 20020917 - HOGAN DENNIS L [US]
- [X] US 2006097872 A1 20060511 - HO WING K [US]
- [A] US 2007252707 A1 20071101 - SEIDEL STUART [US]
- [A] US 2007182569 A1 20070809 - LYNCE JOHN L [US], et al
- [A] EP 0725199 A1 19960807 - SENSORMATIC ELECTRONICS CORP [US]
- See references of WO 2010088752A1

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2010088752 A1 20100812; EP 2394009 A1 20111214; EP 2394009 A4 20140827; EP 2394009 B1 20171101; ES 2658120 T3 20180308

DOCDB simple family (application)

CA 2009000148 W 20090206; EP 09839499 A 20090206; ES 09839499 T 20090206