

Title (en)

Electronic security device for automated teller machines and card reader driver including such device

Title (de)

Elektronische Sicherheitseinrichtung für Bankautomaten und Kartenleser für eine solche Einrichtung

Title (fr)

Dispositif électronique de sécurité pour des guichets automatiques bancaires et lecteur de cartes incorporant un tel dispositif

Publication

**EP 1677267 A1 20060705 (EN)**

Application

**EP 04380296 A 20041230**

Priority

EP 04380296 A 20041230

Abstract (en)

AN ELECTRONIC SECURITY DEVICE FOR AUTOMATED TELLER MACHINES AND A CARD READER DRIVER INCLUDING SUCH DEVICE. This electronic device comprises an optoelectronic sensing barrier (7) transversely aligned to the card-in/card-out passage (4), further comprising an electronic circuit (10) which is connected to said sensing barrier (7); and providing comparator means (13) (17) and timers (14) (15) (16); and including one or more emergency or alarm signal outputs (18) responsive to the insertion of foreign bodies which, when inserted in the passage (4) pass through the sensing barrier (7). This device can include a secondary barrier (8) in the rear part of the passage (4). The present invention further related to a card reader driver (1) including such device.

IPC 8 full level

**G07F 19/00** (2006.01)

CPC (source: EP)

**G07F 19/20** (2013.01); **G07F 19/201** (2013.01); **G07F 19/207** (2013.01)

Citation (search report)

- [X] US 4514623 A 19850430 - BAUS RENE [US], et al
- [Y] EP 1071050 A1 20010124 - NCR INT INC [US]
- [Y] WO 2004081740 A2 20040923 - DIEBOLD INC [US], et al
- [A] GB 2351590 A 20010103 - NCR INT INC [US]
- [A] EP 1394728 A1 20040303 - OMRON TATEISI ELECTRONICS CO [JP]

Cited by

GB2488538A; ITPC20120028A1; GB2488538B; EP2393070A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1677267 A1 20060705**

DOCDB simple family (application)

**EP 04380296 A 20041230**