

Title (en)

PROTECTIVE DEVICE AND METHOD FOR PREVENTING SKIMMING ON A CARD READER

Title (de)

SCHUTZVORRICHTUNG UND VERFAHREN ZUM VERHINDERN VON SKIMMING AN EINEM KARTENLESEGERÄT

Title (fr)

DISPOSITIF DE PROTECTION ET PROCÉDÉ POUR EMPÊCHER LE VOL D'INFORMATIONS AU NIVEAU D'UN APPAREIL DE LECTURE DE CARTE

Publication

EP 2252959 A1 20101124 (DE)

Application

EP 09716398 A 20090302

Priority

- EP 2009052446 W 20090302
- DE 102008012231 A 20080303

Abstract (en)

[origin: WO2009109543A1] On self-service terminals (such as an automatic teller), so-called skimming modules are attached in a fraudulent manner by manipulation in order to read the data of a magnetic strip card inserted into the card reader (10). As a remedy, a protective device (26, 28) is proposed, which has a protective field generator (26) and an inductor (28) associated therewith for generating an electromagnetic protective field (29) in order to impair the function of the piracy device (SM). To this end, a protective signal is generated, which simulates such a signal that occurs when reading magnetic strip cards. As a result, the reading of a magnetic strip card is imitated in the possibly present skimming module. In particular, the protective signal may comprise pseudo data, which blends with the actual card data, or completely superimposes said data, during demodulation such that the third party ultimately receives unusable data.

IPC 8 full level

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CPC (source: EP US)

G06K 7/082 (2013.01 - EP US); **G06K 19/06206** (2013.01 - EP US); **G06Q 20/341** (2013.01 - EP US); **G07F 7/082** (2013.01 - EP US); **G07F 7/0873** (2013.01 - EP US); **G07F 7/1008** (2013.01 - EP US); **G07F 19/2055** (2013.01 - EP US)

Citation (search report)

See references of WO 2009109543A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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