

Title (en)

DEVICE FOR RECOGNISING METALLIC FOREIGN COMPONENTS

Title (de)

EINRICHTUNG ZUR ERKENNUNG VON METALLISCHEN FREMDKOMPONENTEN

Title (fr)

DISPOSITIF POUR IDENTIFIER DES COMPOSANTES ETRANGERES METALLIQUES

Publication

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Application

EP 06792871 A 20060817

Priority

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Abstract (en)

[origin: WO2007048648A1] The invention relates to a device (10) and to a method for protecting an SB-terminal against a fraudulent installation of piracy devices which are used to pirate information, which is based on the detection of metallic components therein. The device (10) comprises a control unit (12) and a peripheral device (24) which is connected to the control unit (12) via an interface (26, 28, 30). The sound card (24) comprises an output for an analog output signal, whereon a coil (52, 56) can be connected for producing a primary electromagnetic field, and an inlet for an analog detection signal, whereon a second coil (60, 64) which is used to detect a secondary electromagnetic field, which is influenced by the interaction of the primary electromagnetic field with the metallic components of the piracy devices, can be connected. The control unit (12) controls the sound card (24) which is used to produce the primary electromagnetic field via the interface (26, 28, 30) and/or captures the digital detection signal and analyses it in order to determine whether a foreign metallic object is present.

IPC 8 full level

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CPC (source: EP US)

G01V 3/104 (2013.01 - EP US); **G07F 19/20** (2013.01 - EP US); **G07F 19/2055** (2013.01 - EP US); **G07F 19/207** (2013.01 - EP US)

Citation (search report)

See references of WO 2007048648A1

Citation (examination)

ALEX PERRY: "What Do You Have In Your Walls", LINUX JOURNAL, vol. October 2002, no. 102, 1 October 2002 (2002-10-01), ISSN: 1075-3583, Retrieved from the Internet <URL:http://www.linuxjournal.com/article/6201> [retrieved on 20101007]

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