Title (en)

ELECTROMAGNETIC SHIELDING MATERIAL

Title (de)

MATERIALIEN ZUR ELEKTROMAGNETISCHEN ABSCHIRMUNG

Title (fr)

MATÉRIAU DE PROTECTION ÉLECTROMAGNÉTIQUE

Publication

EP 2154950 A1 20100224 (EN)

Application

EP 08755449 A 20080514

Priority

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- US 80377307 A 20070516

Abstract (en)

[origin: WO2008144336A1] An electromagnetic shielding material includes a paper web and a conductive layer adhered to an adjacently positioned surface of the paper web. This arrangement defines a laminate structure that, when interposed between a receiving antenna of an RFID smart chip and a transmitting antenna of a signal generator, prevents the reading of the chip. A security device capable of electromagnetically shielding an RFID smart chip includes an electromagnetic shielding material having at least one conductive layer and at least one adjacently positioned substrate. A method of electromagnetically shielding an RFID smart chip includes providing and placing an electromagnetic shielding material proximate an RFID smart chip and preferably between the RFID smart chip and a transmitting antenna of an RFID signal generator.

IPC 8 full level

A01K 1/015 (2006.01); **G06K 19/073** (2006.01); **H05K 9/00** (2006.01)

CPC (source: EP)

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