

Title (en)

Film material for intrusion detection and secure container including such material

Title (de)

Folienmaterial zur Eindringdetektion und gesicherter Behälter mit solchem Material

Title (fr)

Matériau en film pour la détection d'intrusion, et conteneur sécurisé incorporant un tel matériau

Publication

EP 1742184 A1 20070110 (FR)

Application

EP 06291084 A 20060630

Priority

FR 0506705 A 20050630

Abstract (en)

The material has a plastic material substrate (1), and an electrically conductive strip (2) applied on an upper surface of the substrate, where the substrate is made of polyester e.g. polyethylene terephthalate (PET). The strip is interrupted in a zone that is covered of a conductive stud adapted to contact with the strip in response to a transversal force of the substrate in order to establish electrical continuity of the strip. Another electrically conductive strip (3) is applied on a lower surface of the substrate, where the strips are disposed, along misaligned patterns, on the surfaces. An independent claim is also included for a protected container comprising base and cover elements covered by a film material.

IPC 8 full level

G08B 13/12 (2006.01)

CPC (source: EP)

E05G 1/10 (2013.01); **E05G 1/14** (2013.01); **G08B 13/126** (2013.01)

Citation (search report)

- [A] WO 9921142 A1 19990429 - GORE W L & ASS UK [GB], et al
- [A] US 4785743 A 19881122 - DALPHIN CLAUDE [FR]
- [A] EP 0459838 A2 19911204 - GORE W L & ASS UK [GB]
- [A] EP 0540139 A2 19930505 - GORE W L & ASS UK [GB]
- [A] US 5675319 A 19971007 - RIVENBERG HOWARD CHRISTOPHER [US], et al
- [A] EP 1045352 A1 20001018 - W L GORE & ASSOCIARES S R L [IT]
- [DA] US 5049704 A 19910917 - MATOUSCHEK THOMAS [DE]

Cited by

US9480150B2; US9730314B2; GB2504480A; GB2505178A; US2014049887A1; CN103632499A; US2016360610A1; WO2011012706A1; US9209139B2; TWI611426B

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