

Title (en)

A TAMPER INDICATING RADIO FREQUENCY IDENTIFICATION LABEL WITH TRACKING CAPABILITY

Title (de)

HOCHFREQUENZIDENTIFIKATIONSETIKETT ZUR ANZEIGE UNERLAUBTER ÄNDERUNGEN MIT VERFOLGUNGSFÄHIGKEIT

Title (fr)

ETIQUETTE DE SECURITE D'IDENTIFICATION PAR RADIOFREQUENCE A CAPACITE DE DEPISTAGE

Publication

**EP 1412928 A4 20050209 (EN)**

Application

**EP 01273422 A 20011115**

Priority

- US 0151432 W 20011115
- US 24902700 P 20001116
- US 0108992 W 20010321

Abstract (en)

[origin: WO02077939A1] A tamper indicating label (100) is provided. The label may include RFID components (401, 402) and a tamper track (102) coupled to the RFID components. The tamper track should be constructed from a destructible conducting path. Additionally, the tamper track can be formed such that it is damaged when the label is tampered. In one embodiment, adhesion characteristics (103) of the tamper track are adapted to break apart the tamper track when the label is tampered, for example, by removal from an object. The RFID components may retain their RF capability and detect when the tamper track has been damaged to indicate that the label has been tampered. Alternatively, the RFID capability of the RFID components may be disabled when the tamper track is damaged, indicating tampering.

IPC 1-7

**G08B 13/14**

IPC 8 full level

**B65D 5/42** (2006.01); **G06K 19/073** (2006.01); **G06K 19/077** (2006.01); **G08B 13/14** (2006.01); **G08B 13/24** (2006.01); **H01Q 1/22** (2006.01); **H01Q 1/36** (2006.01); **H01Q 7/00** (2006.01)

CPC (source: EP)

**B65D 5/4233** (2013.01); **G06K 19/073** (2013.01); **G06K 19/0739** (2013.01); **G06K 19/07749** (2013.01); **G08B 13/2414** (2013.01); **G08B 13/2417** (2013.01); **G08B 13/2437** (2013.01); **G08B 13/2442** (2013.01); **G08B 13/2448** (2013.01); **G08B 13/2462** (2013.01); **H01Q 1/2225** (2013.01); **H01Q 1/36** (2013.01); **H01Q 7/00** (2013.01); **B65D 2203/10** (2013.01)

Citation (search report)

- [X] EP 0955616 A1 19991110 - HI G TEK LTD [IL]
- [X] WO 9738364 A1 19971016 - EDIS S A [GR], et al
- See references of WO 02077939A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 02077939 A1 20021003**; CA 2429374 A1 20021003; EP 1412928 A1 20040428; EP 1412928 A4 20050209; MX PA03004364 A 20050419; WO 02095655 A2 20021128

DOCDB simple family (application)

**US 0151432 W 20011115**; CA 2429374 A 20011115; EP 01273422 A 20011115; MX PA03004364 A 20011115; US 0143099 W 20011115