

Title (en)

TAPE MATERIAL, SECURITY ELEMENT AND METHOD FOR PRODUCING A SECURITY ELEMENT FOR ELECTRONIC ARTICLE SURVEILLANCE

Title (de)

BANDMATERIAL, SICHERUNGSELEMENT UND VERFAHREN ZUR HERSTELLUNG EINES SICHERUNGSELEMENTS FÜR DIE ELEKTRONISCHE ARTIKELSICHERUNG

Title (fr)

MATERIAU DE BANDE, ELEMENT DE PROTECTION ET PROCEDE POUR PRODUIRE UN ELEMENT DE PROTECTION POUR LA PROTECTION ELECTRONIQUE D'ARTICLES

Publication

EP 1103036 B1 20041110 (DE)

Application

EP 99917900 A 19990329

Priority

- DE 19834367 A 19980730
- EP 9902131 W 19990329

Abstract (en)

[origin: US2001035821A1] A tape material (1) comprising a support layer (2) and a thin-layer magnetic material (3), which is placed onto the support layer (2), serves as a security material. In a surveillance zone the thin-layer magnetic material (3) emits a characteristic signal for the electronic surveillance of articles. The aim is to provide a tape material which allows for simple application of thin-layer materials on any support materials. To this end a transfer layer (4), which can be melted by pressure and/or heat, is provided for on the thin-layer material (3), and the adhesion between the support layer (2) and the thin-layer material (3) is less than the adhesion between the thin-layer material (3) and the transfer layer (4), so that by means of a hot-pressing die (7) a desired area of the thin-layer material (3) can be transferred via the transfer layer (4) onto the article (6a) or another support layer (6b).

IPC 1-7

G08B 13/24

IPC 8 full level

C09J 5/00 (2006.01); **G08B 13/22** (2006.01); **G08B 13/24** (2006.01)

CPC (source: EP US)

G08B 13/2408 (2013.01 - EP US); **G08B 13/2437** (2013.01 - EP US); **G08B 13/244** (2013.01 - EP US); **G08B 13/2442** (2013.01 - EP US); **G08B 13/2445** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

US 2001035821 A1 20011101; **US 6441739 B2 20020827**; AT E282233 T1 20041115; AU 3601799 A 20000221; AU 755940 B2 20030102; DE 19834367 A1 20000203; DE 59911054 D1 20041216; EP 1103036 A1 20010530; EP 1103036 B1 20041110; ES 2232130 T3 20050516; JP 2002521773 A 20020716; WO 0007160 A1 20000210

DOCDB simple family (application)

US 77425801 A 20010130; AT 99917900 T 19990329; AU 3601799 A 19990329; DE 19834367 A 19980730; DE 59911054 T 19990329; EP 9902131 W 19990329; EP 99917900 A 19990329; ES 99917900 T 19990329; JP 2000562878 A 19990329