

Title (en)
SECURITY FEATURES

Title (de)
SICHERHEITSMERKMALE

Title (fr)
CARACTERES DISTINCTIFS DE SECURITE

Publication
EP 1373091 B1 20050803 (DE)

Application
EP 02719658 A 20020228

Priority
• DE 0200748 W 20020228
• DE 10111847 A 20010301

Abstract (en)
[origin: WO02070367A1] The invention relates to security features, preferably joining means provided, for example, in the form of banderoles, labels, seals for blister packs and two-dimensional markings for joining points of separation on products or product packagings for identifying the authenticity of products. The inventive security features consist of several different components, coding means and electrically conductive layers, whereby all of these are attached in varying order to a supporting substrate. Layers comprised of known electrically conductive polymers are used. These security features pose insurmountable technological hurdles to counterfeiters.

IPC 1-7
B65D 75/66; **G09F 3/03**

IPC 8 full level
B65D 51/00 (2006.01); **B65D 75/66** (2006.01); **B65D 75/54** (2006.01); **B65D 77/24** (2006.01); **G09F 3/00** (2006.01); **G09F 3/03** (2006.01)

CPC (source: EP US)
G09F 3/0341 (2013.01 - EP US); **Y10T 428/24322** (2015.01 - 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 TR

DOCDB simple family (publication)
WO 02070367 A1 20020912; AT E301088 T1 20050815; BG 108163 A 20040331; CZ 20032387 A3 20040915; DE 10111847 A1 20020912; DE 50203828 D1 20050908; EE 04730 B1 20061016; EE 200300423 A 20031215; EP 1373091 A1 20040102; EP 1373091 B1 20050803; ES 2247317 T3 20060301; HU P0401240 A2 20040928; JP 2004526193 A 20040826; PL 363369 A1 20041115; RU 2003129525 A 20050327; RU 2288151 C2 20061127; SK 12172003 A3 20040108; US 2004105957 A1 20040603

DOCDB simple family (application)
DE 0200748 W 20020228; AT 02719658 T 20020228; BG 10816303 A 20030909; CZ 20032387 A 20020228; DE 10111847 A 20010301; DE 50203828 T 20020228; EE P200300423 A 20020228; EP 02719658 A 20020228; ES 02719658 T 20020228; HU P0401240 A 20020228; JP 2002569702 A 20020228; PL 36336902 A 20020228; RU 2003129525 A 20020228; SK 12172003 A 20020228; US 46979403 A 20030902