

Title (en)
Laser markable security element

Title (de)
Lasermerkierbares Sicherheitselement

Title (fr)
Élément de sécurité pouvant être marqué au laser

Publication
EP 1826728 A3 20080903 (DE)

Application
EP 07003504 A 20070220

Priority
DE 102006008247 A 20060222

Abstract (en)
[origin: EP1826728A2] The features has a laser-marked marking substance with core-covering-particles (20,30). One of the material of the core (22,32) and covering (24) absorbs the radiation of the marking laser and the other materials of core and covering does not absorb the radiation of the marking laser. Independent claims are also included for the following: (1) a method for manufacturing of a laser-marked safety features (2) a safety paper for the manufacturing of protective cover or value document (3) a data carrier e.g. branded articles, value documents.

IPC 8 full level
G07D 7/00 (2006.01)

CPC (source: EP US)
B41M 3/14 (2013.01 - EP); **B41M 5/24** (2013.01 - EP); **B41M 5/26** (2013.01 - EP); **B41M 5/287** (2013.01 - EP); **B42D 25/00** (2014.10 - EP); **B42D 25/20** (2014.10 - US); **B42D 25/29** (2014.10 - EP); **B42D 25/405** (2014.10 - EP); **B42D 25/435** (2014.10 - US); **B41M 3/142** (2013.01 - EP)

Citation (search report)

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- [Y] EP 0608118 A2 19940727 - CANON KK [JP]
- [A] DE 19704478 A1 19980813 - MERCK PATENT GMBH [DE]

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1826728 A2 20070829; EP 1826728 A3 20080903; DE 102006008247 A1 20070823

DOCDB simple family (application)
EP 07003504 A 20070220; DE 102006008247 A 20060222