

## Title (en)

Customisable support comprising anti-forgery means and method of manufacturing such a support

## Title (de)

Benutzerdefinierbarer Datenträger, der mit verschiedenen Mitteln zur Fälschungssicherung ausgestattet ist und Herstellungsverfahren eines solchen Datenträgers

## Title (fr)

Support personnalisable comprenant des moyens d'antifalsification et procédé de fabrication d'un tel support.

## Publication

**EP 2110260 A1 20091021 (FR)**

## Application

**EP 08290369 A 20080415**

## Priority

EP 08290369 A 20080415

## Abstract (en)

The support has a body (2) with personalization data (6) obtained by carbonization of a composition material by a laser beam e.g. carbon dioxide laser beam. Graphical anti-forgery units totally or partly covering the data and highlight every attempt of fraudulent personalization of the support at corresponding sites. The units draw visible patterns (90) along which bubbles (9) are created, where densities (d1-d5) of the bubbles vary depending on degree of carbonization of a black zone (61), a grey zone (63), a clear zone (65) and personalization data zones (62, 64) covered by the patterns. An independent claim is also included for a method for securing a personalizable support.

## Abstract (fr)

L'invention concerne un support personnalisable comprenant des moyens d'anti-falsification prévus pour mettre en évidence toute tentative de personnalisation frauduleuse. Le support comprend un corps (2) muni, sur une face, d'informations de personnalisation (6, 7) obtenues par carbonisation du matériau de constitution, au moyen d'un faisceau laser. Les moyens d'anti-falsification (8), disposés sur toute ou partie desdites informations de personnalisation, dessinent un motif (90, 80) le long duquel sont générées des bulles (9) dont la densité (d1-d5) varie en fonction du degré de carbonisation des zones (61-65) traversées par le motif.

## IPC 8 full level

**B41M 5/26** (2006.01)

## CPC (source: EP US)

**B41M 3/14** (2013.01 - EP US); **B41M 5/267** (2013.01 - EP US); **B42D 25/21** (2014.10 - US); **B42D 25/29** (2014.10 - EP US); **B42D 25/305** (2014.10 - US); **B42D 25/41** (2014.10 - EP US); **B42D 2033/04** (2022.01 - EP); **B42D 2033/32** (2022.01 - EP); **Y10T 428/24835** (2015.01 - EP US); **Y10T 428/24868** (2015.01 - EP US)

## Citation (search report)

- [A] WO 2007118654 A2 20071025 - GIESECKE & DEVRIENT GMBH [DE], et al
- [A] EP 0680831 A1 19951108 - DSM NV [NL]
- [A] US 2006029760 A1 20060209 - KREFT CHRISTIAN [DE], et al

## Cited by

FR3068293A1; EP2555924B1; EP2555924B2

## Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

## Designated extension state (EPC)

AL BA MK RS

## DOCDB simple family (publication)

**EP 2110260 A1 20091021**; BR PI0910938 A2 20151006; BR PI0910938 B1 20190521; EP 2280834 A1 20110209; EP 2280834 B1 20140716; PL 2280834 T3 20141231; US 2011033676 A1 20110210; US 8556298 B2 20131015; WO 2009127622 A1 20091022; ZA 201007301 B 20120328

## DOCDB simple family (application)

**EP 08290369 A 20080415**; BR PI0910938 A 20090414; EP 09732511 A 20090414; EP 2009054404 W 20090414; PL 09732511 T 20090414; US 93779609 A 20090414; ZA 201007301 A 20101012