

Title (en)

DATA STORAGE MEDIUM HAVING A WINDOW SECURITY THREAD

Title (de)

DATENTRÄGER MIT EINEM FENSTERSICHERHEITSFADEN

Title (fr)

SUPPORT DE DONNÉES AVEC FIL DE SÉCURITÉ À FENÊTRE

Publication

EP 3247570 B1 20181212 (DE)

Application

EP 16700384 A 20160107

Priority

- DE 102015000694 A 20150120
- EP 2016000022 W 20160107

Abstract (en)

[origin: WO2016116256A1] The invention relates to a data storage medium (10), particularly a valuable or security document, having a substrate (12) that comprises at least one paper layer, wherein the substrate (12) has an embedded window security thread (14) having an elongate thread longitudinal direction (L) and a thread transverse direction (Q), at right angles thereto, that is visible on at least one surface of the substrate in particular window regions (16). In this case, the invention provides for the window regions (16) to comprise at least one group (30) of multiple micro-windows (20), adjacent to one another in the thread transverse direction, that are produced by papermaking and have an edge (22) with characteristic irregularities that is produced during paper production.

IPC 8 full level

B42D 25/351 (2014.01); **B42D 25/333** (2014.01); **B42D 25/355** (2014.01)

CPC (source: CN EP RU)

B42D 25/333 (2014.10 - CN EP); **B42D 25/351** (2014.10 - CN EP RU); **B42D 25/355** (2014.10 - CN EP)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

DE 102015000694 A1 20160721; CN 107107650 A 20170829; CN 107107650 B 20190507; EP 3247570 A1 20171129; EP 3247570 B1 20181212; ES 2715579 T3 20190604; PL 3247570 T3 20200131; RU 2672606 C1 20181116; WO 2016116256 A1 20160728

DOCDB simple family (application)

DE 102015000694 A 20150120; CN 201680005105 A 20160107; EP 16700384 A 20160107; EP 2016000022 W 20160107; ES 16700384 T 20160107; PL 16700384 T 20160107; RU 2017122607 A 20160107