

Title (en)

METHOD FOR MAKING SECURE VALUABLE DOCUMENTS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SICHEREN WERTVOLLEN DOKUMENTEN

Title (fr)

PROCEDE DE SECURISATION DE DOCUMENTS DE VALEUR

Publication

**EP 1809846 B1 20080220 (FR)**

Application

**EP 05809299 A 20051019**

Priority

- FR 2005002594 W 20051019
- FR 0411152 A 20041020

Abstract (en)

[origin: WO2006042967A1] The invention concerns a method for making secure valuable documents, comprising steps which consists in: incorporating in each document, upon its production, at least one active substance irreversibly changing colour under the effect of an external microwave radiation, said colour change rendering said documents useless and legally identifiable. The invention is characterized in that the external microwave radiation induces an irreversible chemical modification of the active substance by creating an extended p-conjugated system. The invention also concerns a valuable document comprising at least one active substance shifting into an extended p-conjugated system under the effect of an external microwave radiation.

IPC 8 full level

**E05G 1/14** (2006.01); **B42D 15/00** (2006.01); **D21H 21/48** (2006.01); **G07D 7/10** (2006.01)

CPC (source: EP)

**B42D 25/29** (2014.10); **D21H 21/48** (2013.01); **E05G 1/14** (2013.01); **G07D 7/10** (2013.01); **G07D 7/1205** (2017.04)

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

DOCDB simple family (publication)

**FR 2876714 A1 20060421**; **FR 2876714 B1 20080502**; AT E386867 T1 20080315; DE 602005004937 D1 20080403; DE 602005004937 T2 20090129; EP 1809846 A1 20070725; EP 1809846 B1 20080220; WO 2006042967 A1 20060427

DOCDB simple family (application)

**FR 0411152 A 20041020**; AT 05809299 T 20051019; DE 602005004937 T 20051019; EP 05809299 A 20051019; FR 2005002594 W 20051019