

Title (en)

Process for securing a document holographically and document thus secured

Title (de)

Verfahren zur holographischen Sicherung eines Dokuments und ein so gesichertes Dokument

Title (fr)

Procédé pour la sécurisation holographique d'un document et document ainsi sécurisé

Publication

**EP 1770670 A1 20070404 (FR)**

Application

**EP 06291534 A 20060929**

Priority

FR 0510029 A 20050930

Abstract (en)

The method involves superposing a marking film (1) on which a set of zero order diffraction networks are formed that are transferable on a document. The film has optically active marks that are provided in the form of numeric characters. Marks to be transferred (2, 3) are transferred on the document by applying a marking iron on the marking film. The marking iron has the shape of the marks to be transferred. The film comprises zero order diffraction networks producing their distinct optical effects. An independent claim is also included for a marking film comprising a uniform zero order diffraction network band.

IPC 8 full level

**G09F 3/02** (2006.01); **G09F 3/00** (2006.01)

CPC (source: EP)

**G09F 3/00** (2013.01); **G09F 3/02** (2013.01); **G09F 3/0292** (2013.01)

Citation (search report)

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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 YU

DOCDB simple family (publication)

**EP 1770670 A1 20070404**; **EP 1770670 B1 20090107**; AT E420424 T1 20090115; DE 602006004665 D1 20090226; ES 2320484 T3 20090522; FR 2891650 A1 20070406; FR 2891650 B1 20071207; PL 1770670 T3 20090731

DOCDB simple family (application)

**EP 06291534 A 20060929**; AT 06291534 T 20060929; DE 602006004665 T 20060929; ES 06291534 T 20060929; FR 0510029 A 20050930; PL 06291534 T 20060929