

Title (en)

MULTILAYER BODY WITH A LAYER HAVING AT LEAST ONE LASER-SENSITIVE MATERIAL

Title (de)

MEHRSCHICHTENK RPER MIT MINDESTENS EINER LASERSENSITIVES MAT ERIAL AUFWEISENDEN SCHICHT

Title (fr)

CORPS MULTICOUCHE COMPRENANT AU MOINS UNE COUCHE PRESENTANT UN MATERIAU SENSIBLE AU LASER

Publication

**EP 1509404 B1 20070822 (DE)**

Application

**EP 02742735 A 20020508**

Priority

DE 0201676 W 20020508

Abstract (en)

[origin: US7220479B2] The present invention relates to a multi-layer body which is a paper document with a hot stamping film embossed thereon. The hot stamping film has a laser-sensitive layer in which a laser-induced color image is produced by laser treatment. Arranged on the document are further security identifications such as a security print, which is in the form of guilloche patterns, fluorescent threads, and a security strip. Water marks are also provided in the paper document.

IPC 8 full level

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Cited by

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**WO 03095225 A1 20031120**; AT E370845 T1 20070915; AU 2002344932 A1 20031111; AU 2002344932 A8 20031111; CN 100406275 C 20080730; CN 1649748 A 20050803; DE 10297780 D2 20050512; DE 50210783 D1 20071004; EP 1509404 A1 20050302; EP 1509404 B1 20070822; ES 2292773 T3 20080316; JP 2005529003 A 20050929; JP 4411394 B2 20100210; US 2005181498 A1 20050818; US 7220479 B2 20070522

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