

Title (en)

Security paper for laser engraving, security document and method for making security documents

Title (de)

Sicherheitspapier für die Lasergravur, Sicherheitsdokument und Verfahren zur Herstellung von Sicherheitsdokumenten

Title (fr)

Papier sécurisé pour la gravure au laser, document sécurisé et procédé pour la fabrication de documents sécurisés

Publication

**EP 2284019 B1 20160413 (EN)**

Application

**EP 09460025 A 20090622**

Priority

EP 09460025 A 20090622

Abstract (en)

[origin: EP2284019A1] A security paper for laser engraving comprises a paper substrate layer (110) comprising an antimony-doped tin oxide laser-marking pigment and titanium white, the paper substrate layer (110) being coated with a coating layer (120) comprising the antimony-doped tin oxide laser-marking pigment, such that when the security paper (100) is subject to a laser beam, the antimony-doped tin oxide laser-marking pigment causes change of color of the security paper (100) both within the paper substrate layer (110) and the coating layer (120).

IPC 8 full level

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CPC (source: EP)

**B41M 5/26** (2013.01); **D21H 21/40** (2013.01); **B41M 5/283** (2013.01)

Cited by

GB2535884A; GB2535884B; WO2014002014A2; US10259255B2; WO2016135452A1

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