

Title (en)
METHOD AND APPARATUS FOR VERIFYING SECURITY DOCUMENTS USING WHITE LIGHT INTERFEROMETRY

Title (de)
VERFAHREN UND VORRICHTUNG ZUR VERIFIKATION VON SICHERHEITSDOKUMENTEN MIT HILFE VON WEISSLICHTINTERFEROMETRIE

Title (fr)
PROCÉDÉ ET DISPOSITIF DE VÉRIFICATION DE DOCUMENTS DE SÉCURITÉ À L'AIDE D'UNE INTERFÉROMÉTRIE À LUMIÈRE BLANCHE

Publication
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Application
EP 12720181 A 20120510

Priority

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Abstract (en)
[origin: WO2012156274A1] The invention relates to a verification apparatus and a verification method. The verification method comprises the following steps: the security document (13) is oriented relative to a white light interferometer (2), an examination by means of white light interferometry is performed in at least one location (P1 -P3) on a surface to be examined (15), wherein a depth profile is produced in a direction of examination (19-1 to 19-3), a feature is derived from the depth profile, and the at least one derived feature is compared with one or more specifications in order to derive a verification decision.

IPC 8 full level
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CPC (source: EP US)
G07D 7/121 (2013.01 - EP US); **G07D 7/164** (2013.01 - EP); **G07D 7/202** (2017.04 - EP)

Citation (examination)

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- US 2011043821 A1 20110224 - STEWART ROBERT LAIRD [GB]
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- STIFTER D: "Beyond biomedicine: a review of alternative applications and developments for optical coherence tomography", APPLIED PHYSICS B ; LASERS AND OPTICS, SPRINGER, BERLIN, DE, vol. 88, no. 3, 10 August 2007 (2007-08-10), pages 337 - 357, XP019540594, ISSN: 1432-0649, DOI: 10.1007/S00340-007-2743-2

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