

Title (en)

METHOD FOR CERTIFYING AND AUTHENTICATING SECURITY DOCUMENTS BASED ON A MEASURE OF THE RELATIVE POSITION VARIATIONS OF THE DIFFERENT PROCESSES INVOLVED IN ITS MANUFACTURE

Title (de)

VERFAHREN ZUR ZERTIFIZIERUNG UND AUTHENTIFIZIERUNG VON SICHERHEITSDOKUMENTEN AUF BASIS EINER MESSUNG DER RELATIVEN POSITIONSSCHWANKUNGEN VON VERSCHIEDENEN PROZESSEN BEI DER HERSTELLUNG DAVON

Title (fr)

PROCÉDÉ DE CERTIFICATION ET D'AUTHENTIFICATION DE DOCUMENTS DE SÉCURITÉ SUR LA BASE D'UNE MESURE DES VARIATIONS DE POSITION RELATIVE DES DIFFÉRENTS PROCESSUS IMPLIQUÉS DANS LEUR FABRICATION

Publication

EP 3238185 A1 20171101 (EN)

Application

EP 14837071 A 20141224

Priority

IB 2014002906 W 20141224

Abstract (en)

[origin: WO2016102987A1] Methods for certifying a security document comprising the steps of: a) selecting a set of unique characteristics, obtained as the result of the variations in the manufacturing process and supplies, b) getting a digital image of a security document and obtaining data of the relative position between features selected from different manufacturing processes (register), c) constructing a message by measuring the register of selected features from the document and the document ID data, d) constructing a hashed message, the hashed message being the message obtained after being encoded by means of a unidirectional cryptographic hash function, e) encrypting the hashed message using a public key cryptographic system to obtain a digital certificate by means of a private key, and f) storing the digital certificate in an external database.

IPC 8 full level

G07D 7/20 (2016.01)

CPC (source: CN EP KR RU)

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Citation (search report)

See references of WO 2016102987A1

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Designated extension state (EPC)

BA ME

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