

Title (en)

ENCRYPTED MARKING AND METHOD FOR SECURING AND CERTIFYING THE AUTHENTICITY OF A PRODUCT

Title (de)

VERSCHLÜSSELTE MARKIERUNG UND VERFAHREN ZUM SICHERN UND ZERTIFIZIEREN DER AUTHENTIZITÄT EINES PRODUKTS

Title (fr)

MARQUAGE CHIFFRÉ ET PROCÉDÉ POUR S ASSURER ET CERTIFIER L AUTHENTICITÉ D UN PRODUIT

Publication

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Application

EP 09762149 A 20090610

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- BG 11016208 A 20080612

Abstract (en)

[origin: WO2009150622A2] This invention refers to encrypted marking and a method for protection, verification, and certification of products' authenticity by means of unique encrypted marking containing very large amount of encrypted information embedded in each very small element (dot) of the marking, which is protected and which may be recovered [reconstituted] in case of wear, contamination, or deletion. The encrypted marking is obtained by means of stochastic modularization and alteration of the elements of the marking

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2009150622A2

Citation (examination)

- EP 0469868 A2 19920205 - XEROX CORP [US]
- WO 9956241 A1 19991104 - ROYAL COLLEGE OF ART [GB], et al
- DE 3628353 A1 19880225 - LOUDA GUENTHER [DE]
- DE 202005011521 U1 20051006 - BUNDESDRUCKEREI GMBH [DE]
- FR 2843072 A1 20040206 - BANQUE DE FRANCE [FR]
- JP 2002200872 A 20020716 - JAPAN MINISTRY OF FINANCE

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