

Title (en)
PRODUCT CONTAINING A CARRIER WITH PROTECTIVE MARKINGS, AND METHOD FOR DETERMINING THE AUTHENTICITY OF A PRODUCT

Title (de)
PRODUKT MIT EINEM TRÄGER MIT SCHUTZMARKIERUNGEN UND VERFAHREN ZUR BESTIMMUNG DER AUTHENTIZITÄT DES PRODUKTS

Title (fr)
ARTICLE À SUPPORT DOTÉ D'UN MARQUAGE PROTECTEUR ET PROCÉDÉ POUR DÉTERMINER L'AUTHENTICITÉ D'UN ARTICLE

Publication
EP 3150763 A4 20180214 (EN)

Application
EP 15803898 A 20150528

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Abstract (en)
[origin: EP3150763A1] The invention relates to protection of products against counterfeit and is intended for instrumental authentication of printed security products such as banknotes and forms of security papers, labels, excise and postage stamps, payment and identity documents, as well as passport and travel documents. The object of the invention is to provide a product comprising a security marking based on a composite material having a specified combination of magnetic and optical properties, where optical properties are temperature dependent and magnetic properties provide induction heating of the material only in the presence of an alternating magnetic field having predetermined parameters. The present technical solutions and authentication methods ensure a high level of protection of a valuable document against counterfeit.

IPC 8 full level
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CPC (source: EP US)
B42D 25/21 (2014.10 - EP); **D21H 21/40** (2013.01 - EP); **G07D 7/04** (2013.01 - EP US); **G07D 7/12** (2013.01 - EP); **G07D 7/15** (2017.04 - EP US)

Citation (search report)
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