

Title (en)
MULTILAYERED SECURITY ELEMENT WITH VARIABLE OPTICAL EFFECT AND A COUNTERFEIT-PROOF DOCUMENT

Title (de)
MEHRSCHICHTIGES SICHERHEITSELEMENT MIT VERÄNDERLICHEM OPTISCHEM EFFEKT UND FÄLSCHUNGSSICHERES DOKUMENT

Title (fr)
ÉLÉMENT DE PROTECTION MULTICOUCHE POSSÉDANT UN EFFET OPTIQUE ALTERNANT, ET DOCUMENT PROTÉGÉ CONTRE LES CONTREFAÇONS

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Abstract (en)
The invention relates to counterfeit-proof documents with multilayered security markings. A multilayered security element comprises a flexible base layer with optically variable structures containing two or more groups of repeating images which move and/or changing as the viewing angle varies. The optically variable structures are formed so that when the viewing angle varies different groups of images move relative to each other. The invention makes it possible to enhance the security of documents owing to a novel optical effect which renders the protected item more readily identifiable and is based on observation of relative movement of images as the viewing angle varies.

IPC 8 full level
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Cited by
US10207531B2; WO2018206147A1; US10744812B2; EP2885135B1; EP2782765B1

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