

Title (en)
SECUREMENT OF DOCUMENTS OR PRODUCTS BY AFFIXING AN OPTICALLY ACTIVE COMPONENT FOR VERIFYING AUTHENTICITY

Title (de)
SICHERUNG FÜR DOKUMENTE ODER PRODUKTE DURCH AUFBRINGEN EINER OPTISCH AKTIVEN SUBSTANZ ZUR ECHTHEITSPRÜFUNG

Title (fr)
SECURISATION DE DOCUMENTS OU DE PRODUITS PAR APPPOSITION D'UN COMPOSANT OPTIQUEMENT ACTIF POUR LA VERIFICATION DE L'AUTHENTICITE

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Abstract (en)
[origin: WO0136213A1] The invention concerns a component for authenticating a document or a product, comprising a transparent plastic film embossed to display at least a diffraction grating, the embossed surface being at least partly coated with a metallized layer. The invention is characterised in that the embossed film includes a first zone (4) producing a rainbow effect with respect to the illuminating direction, said rainbow effect vanishing when the component is oriented perpendicularly to the first orientation, and a second zone (6) coated with a dielectric material producing a coloured effect of a first colour for a first orientation of the component and a second different colour for the orientation perpendicular to the first orientation.

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