

Title (en)

METHOD FOR THE INDIVIDUAL APPLICATION OF HOT EMBOSSING FILM AND SECURITY DOCUMENTS PRODUCED THEREWITH

Title (de)

VERFAHREN ZUR INDIVIDUELLEN HEISSPRÄGEFOLIENAPPLIKATION UND DAMIT HERGESTELLTE SICHERHEITSDOKUMENTE

Title (fr)

PROCÉDÉ D'APPLICATION INDIVIDUELLE D'UN FILM POUR ESTAMPAGE À CHAUD ET DOCUMENTS DE SÉCURITÉ FABRIQUÉS PAR CE PROCÉDÉ

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Application

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Abstract (en)

[origin: WO2009103274A1] The invention relates to a method for the individual application of a hot embossing film, according to which an adhesive is printed on a substrate in the form of symbols, patterns, numbers etc., then a hot embossing film consisting of a backing film, peel-off layer and decorative layer is hot-laminated on the printed substrate and the backing film is removed. The invention is characterised in that the substrate is a personal document (1), on which personal data, in particular a passport photograph (2) (in reverse) is printed using a digital printing method, the printing medium being a toner (8) or a dye that develops adhesive characteristics at laminating temperatures. A diffractive hot embossing film (3) that is devoid of an adhesive coating is hot-laminated on the printed personal document (1) and the backing film (4) is removed. Finally, an adhesive film (9) with an adhesive power <10N/cm is rolled over the substrate surface to remove any residues (7) of non-bonded film.

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