

Title (en)

Intaglio printing plates for producing security features, product made by means of said printing plates

Title (de)

Tiefdruckformen für die Herstellung von Sicherheitsmerkmalen, mit diesen Tiefdruckformen hergestellte Produkte

Title (fr)

Plaques d'impression intaglio pour la fabrication d'éléments de sécurité, produit fabriqué au moyen desdites plaques

Publication

EP 1616712 A1 20060118 (DE)

Application

EP 05015044 A 20050712

Priority

DE 102004033665 A 20040712

Abstract (en)

The rotary intaglio printing process is used on packaging for a wide variety of different items. Other printing processes may be used, including offset, flexographic printing, silkscreen or digital printing. The security marking may be read using a screen for a moire effect with phase shifts in the pattern or a Scrambled Indicia (RTM) system. The security and identification markings may be generated by a data file producing a pattern on printing plate attached to printing cylinder, or a printing structure may be directly formed on the cylinder. The pattern may be cut using a laser beam or an electron beam.

IPC 8 full level

B41N 1/06 (2006.01); **B41M 3/10** (2006.01); **B41M 3/14** (2006.01)

CPC (source: EP)

B41M 3/10 (2013.01); **B41M 3/14** (2013.01); **B41N 1/06** (2013.01); **B41C 1/05** (2013.01)

Citation (search report)

- [XY] EP 1147912 A2 20011024 - SECURENCY PTY LTD [AU]
- [Y] GB 2034636 A 19800611 - CROSFIELD ELECTRONICS LTD

Designated contracting state (EPC)

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DOCDB simple family (publication)

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