

Title (en)

MULTILAYER STRUCTURE CONTAINING CAVITATED MATERIALS FOR USE IN THE PRODUCTION OF SECURITY DOCUMENTS

Title (de)

MATERIALIEN MIT HOHLRÄUMEN ENTHALTENDE MEHRSCHICHTSTRUKTUR ZUR ANWENDUNG IN DER HERSTELLUNG VON SICHERHEITSDOKUMENTEN

Title (fr)

STRUCTURE MULTICOUCHE RENFERMANT DES MATERIAUX A CAVITES DESTINEE A ETRE UTILISEE POUR LA PRODUCTION DE DOCUMENTS DE SECURITE

Publication

EP 1192044 A1 20020403 (EN)

Application

EP 00939541 A 20000602

Priority

- US 0015321 W 20000602
- US 32544699 A 19990603

Abstract (en)

[origin: WO0074936A1] A laminated multilayer film substrate for use in the production of banknotes having an oriented polypropylene core layer and at least one high density polyethylene layer on each side of the oriented polypropylene layer. The core layer contains microcavities formed by the addition of a cavitating agent. The resultant films exhibit good embossability, dead-fold characteristics and other properties, making them highly suited for the production of banknotes and other security documents.

IPC 1-7

B32B 27/32; **B42D 15/00**

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 0074936A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

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