

Title (en)  
Printing process on a security element and security element

Title (de)  
Druckverfahren auf ein Sicherheitselement und Sicherheitselement

Title (fr)  
Procédé d'impression d'un élément de sécurité et élément de sécurité

Publication  
**EP 1447234 A1 20040818 (FR)**

Application  
**EP 03003331 A 20030213**

Priority  
EP 03003331 A 20030213

Abstract (en)  
The process involves printing a semi-transparent security unit (2) with variable optical ink on a base (1) of a substrate. The security unit is printed to cover the base. The semi-transparent security unit is printed by a serigraphy process. A sifter utilized in the serigraphy process comprises 180 to 230 lines per inch according to X and Y directions of the sifter. An independent claim is also included for a value-paper.

Abstract (fr)  
Le procédé comprend les étapes suivantes: impression d'un fond sur le substrat; impression en semi-transparence d'un motif avec de l'encre optiquement variable, ledit motif couvrant au moins partiellement ledit fond.

IPC 1-7  
**B41M 3/14; B42D 15/00**

IPC 8 full level  
**B41M 3/14** (2006.01); **B42D 15/00** (2006.01)

CPC (source: EP KR US)  
**B41M 3/14** (2013.01 - KR); **B41M 3/144** (2013.01 - EP US); **B42D 15/00** (2013.01 - KR); **B42D 25/29** (2014.10 - EP US)

Citation (applicant)  
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