

Title (en)

Device for the visual and machine-assisted validation of value and security documents

Title (de)

Anordnung zur visuellen und maschinellen Echtheitsüberprüfung von Wert- und Sicherheitsdokumenten

Title (fr)

Dispositif pour la validation mécanique et visuelle de documents de valeur et de sécurité

Publication

**EP 1059619 B1 20030205 (DE)**

Application

**EP 00119980 A 19980225**

Priority

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- EP 98914854 A 19980225

Abstract (en)

[origin: EP1059619A2] Value and security product, e.g. banknote or ID card, has an embedded security element which has electroluminescent properties and by exciting in an electromagnetic alternating field radiation is emitted. The novelty is that electroluminescent substances (5) are embedded into the printing inks to print the security document (1). Also claimed are: (a) a testing device for testing visually and/or by machine security documents; and (b) production of a security document.

IPC 1-7

**G07D 7/00**; **B41M 3/14**

IPC 8 full level

**B41M 3/14** (2006.01); **G07D 7/00** (2006.01); **G07D 7/06** (2006.01); **G07D 7/12** (2006.01)

CPC (source: EP)

**B41M 3/144** (2013.01); **G07D 7/06** (2013.01); **G07D 7/128** (2013.01)

Cited by

WO2005116941A1; DE102013114496A1; WO2015091237A1; US9670406B2; DE102021119436A1; WO2023006142A1; DE102020111461B3; WO2021219568A1; EP4350649A2

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