

Title (en)

APPARATUS FOR AUTHENTICATING BANK NOTES

Publication

**EP 0198819 B1 19880824 (EN)**

Application

**EP 84900408 A 19831227**

Priority

SE 8300477 W 19831227

Abstract (en)

[origin: WO8502928A1] Bank notes can be checked for authenticity using apparatus which examines properties of the note which are the same in different spatial orientations. In particular, the entire surface area of at least one side of a bank note (1) can be subjected to spectral analysis, using light radiation reflected from or transmitted through the note. The received radiation can be integrated over the entire surface area and then compared, using a microprocessor-based system (6), with stored spectral models corresponding to different kinds of bank notes. An algorithm may be used which is capable of allowing for deviations due, for example, to soiling of a bank note.

IPC 1-7

**G07D 7/00**

IPC 8 full level

**G06K 9/00** (2006.01); **G07D 7/00** (2006.01); **G07D 7/12** (2006.01); **G07D 7/20** (2006.01)

CPC (source: EP US)

**G07D 7/1205** (2017.05 - EP US); **G07D 7/205** (2013.01 - EP US)

Citation (examination)

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Cited by

US5034616A; US6970236B1; US6172745B1; US6473165B1; US7006204B2; US7184133B2

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**WO 8502928 A1 19850704**; AT E36766 T1 19880915; EP 0198819 A1 19861029; EP 0198819 B1 19880824; FI 85312 B 19911213; FI 85312 C 19920325; FI 862714 A0 19860625; FI 862714 A 19860625

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