

Title (en)
DETECTION OF COUNTERFEIT OBJECTS.

Title (de)
ERFASSUNG VON VERFÄLSCHTEN OBJEKTEN.

Title (fr)
DETECTION DE CONTREFACONS.

Publication
EP 0679279 A1 19951102 (EN)

Application
EP 94920841 A 19940104

Priority
• GB 9400006 W 19940104
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Abstract (en)
[origin: WO9416412A1] Detecting counterfeit bank notes is achieved by directing ultraviolet light at a sample from a source (2) and measuring the level of ultraviolet light reflected from the sample using a first photocell (104) and the amount of fluorescent light generated by the sample using a second photocell (106). The detected levels are compared with reference levels and only if both reflective and fluorescent criteria are satisfied is the note declared genuine. The sample, during test, is supported on a glass plate (102). The apparatus uses the value of the intensity of light reflected from the glass plate (in the absence of a sample) as a basis for producing at least one reference level against which a subsequent comparison can be made.

IPC 1-7
G07D 7/00

IPC 8 full level
G06K 7/12 (2006.01); **G07D 7/00** (2006.01); **G07D 7/06** (2006.01); **G07D 7/12** (2006.01)

CPC (source: EP)
G07D 7/12 (2013.01); **G07D 7/128** (2013.01)

Cited by
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WO 9416412 A1 19940721; AU 5820094 A 19940815; DE 69418596 D1 19990624; DE 69418596 T2 20000120; EP 0679279 A1 19951102; EP 0679279 B1 19990519; ES 2132412 T3 19990816; JP 3489681 B2 20040126; JP H08505253 A 19960604; RU 2139571 C1 19991010

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