

Title (en)  
SYSTEM AND APPARATUS TO DETECT INTAGLIO PRINTING

Publication  
**EP 0088169 B1 19860212 (FR)**

Application  
**EP 82201645 A 19821221**

Priority  
CH 139582 A 19820308

Abstract (en)  
[origin: US4594514A] A method is provided for observing, preferably through the medium of an optoelectronic pick-up, the carrier to be checked which is illuminated by a light beam having an angle of incidence of at least 45 DEG through a rotary disc comprising alternately transparent and opaque sectors spaced from one another by a distance at least substantially equal to the distance measured between the lines of the copperplated printing formed on the carrier. The carrier image is formed in the plane of a detector by means of an optical system. If the carrier has a copperplate printing formed thereon, a moiré effect is observed. If the pick-up extends over several transparent sectors of the disc this moiré effect is converted electrically into a very pronounced periodic variation of the current delivered by the pick-up, at the sector passage frequency.

IPC 1-7  
**G07D 7/00**

IPC 8 full level  
**G07D 7/00** (2006.01); **G07D 7/06** (2006.01); **G07D 7/12** (2016.01)

CPC (source: EP US)  
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Cited by  
NL9401796A; GB2283607A; GB2283607B; WO9406102A1

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**EP 0088169 A1 19830914; EP 0088169 B1 19860212**; AT E17971 T1 19860215; CH 645464 A5 19840928; DE 3269113 D1 19860327; JP S58154088 A 19830913; US 4594514 A 19860610

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