

Title (en)  
FREELY PROGRAMMABLE COIN DEFLECTOR

Publication  
**EP 0128857 A3 19861230 (DE)**

Application  
**EP 84730065 A 19840613**

Priority  
DE 3321676 A 19830613

Abstract (en)  
[origin: EP0128857A2] In coin testers and money counting machines there is the problem of the exact recognition of coins, coupled to the demand for a rapid cost-effective sorting in a small amount of space and with easy conversion. Because of the complexity of international coin circulation, the deflector operates with a compact quadruple sensor for diameter, material, thickness and edge quality, which determines its reference parameters from coins predetermined by the user for each channel and which, during operation, sets the acceptance or rejection channel from these. The two-stage deflector which directly follows the sensor and which ensures rapid preliminary sorting in the first stage makes it possible, because of the short distances and with an appropriate preparation of the coin mixture, to achieve a high processing speed, such as is required in counting machines.  
<IMAGE>

IPC 1-7  
**G07D 3/14**; **G07F 3/04**

IPC 8 full level  
**G05B 15/02** (2006.01); **G07D 3/00** (2006.01); **G07D 3/14** (2006.01); **G07D 3/16** (2006.01); **G07D 5/00** (2006.01)

CPC (source: EP)  
**G07D 3/14** (2013.01); **G07D 5/00** (2013.01); **G07D 2205/0012** (2013.01)

Citation (search report)

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- [A] DE 3103371 A1 19820805 - WULFF APPARATEBAU [DE]
- [A] FR 2268315 A1 19751114 - NGZ GELDZAEHLMASCH GMBH [DE]
- [A] DE 2331362 A1 19750123 - PRUEMM GEORG

Cited by  
DE3806994A1; EP0622763B1

Designated contracting state (EPC)  
CH GB LI

DOCDB simple family (publication)  
**DE 3321676 A1 19831103**; **DE 3321676 C2 19870402**; EP 0128857 A2 19841219; EP 0128857 A3 19861230

DOCDB simple family (application)  
**DE 3321676 A 19830613**; EP 84730065 A 19840613