

Title (en)  
COIN DISCRIMINATOR

Publication  
**EP 0300781 B1 19921216 (EN)**

Application  
**EP 88306690 A 19880721**

Priority  
GB 8717493 A 19870723

Abstract (en)  
[origin: EP0300781A2] A coin (5) under test is subjected to the changing magnetic field produced by pulsing of a test coil (1), and the decay of the resulting eddy currents in the coin is monitored by monitoring the coil voltage induced by the eddy currents. The times T1 and T2 at which the coil voltage falls through voltage levels V1 and V2 is measured by comparators (COMP 1, COMP 2) and a microcomputer (7), and those times are compared by microcomputer (7) with stored reference values to help determine the coin type.

IPC 1-7  
**G07D 5/08; G07F 3/02**

IPC 8 full level  
**G07D 5/08** (2006.01)

CPC (source: EP)  
**G07D 5/08** (2013.01)

Cited by  
US5341908A; CN103971457A; US6056104A; AU660418B2; US5476168A; EP0537251A4; DE4224204A1; DE4224204C2; US6047808A; DE4339543A1; DE4339543C2; AU683972B2; US5833042A; WO2004072912A1; WO9201270A1; WO9117527A1; WO9516978A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0300781 A2 19890125; EP 0300781 A3 19900131; EP 0300781 B1 19921216**; AT E83571 T1 19930115; DE 3876708 D1 19930128; DE 3876708 T2 19930422; GB 8717493 D0 19870826

DOCDB simple family (application)  
**EP 88306690 A 19880721**; AT 88306690 T 19880721; DE 3876708 T 19880721; GB 8717493 A 19870723