

Title (en)

IDENTIFICATION OF COINS, INCLUDING MAGNETIC CHARACTERISTICS

Title (de)

IDENTIFIZIERUNG VON MÜNZEN UMFASSEND DIE MAGNETISCHEN EIGENSCHAFTEN

Title (fr)

IDENTIFICATION DE PIECES DE MONNAIE, Y COMPRIS LES CARACTERISTIQUES MAGNETIQUES

Publication

EP 1602082 B1 20081210 (EN)

Application

EP 04710748 A 20040213

Priority

- AU 2004000176 W 20040213
- AU 2003900636 A 20030213

Abstract (en)

[origin: WO2004072912A1] A coin identification circuit including a coil configuration defining a coin detection region, disposed in a first sub-circuit for supplying electrical current to the coil configuration. The circuit includes means to modify the electrical current being supplied to the coil configuration when a coin is in the detection region, whereby to trigger a first decay pulse characteristic of the coin in a second sub-circuit including the coil configuration. Means are included to at least partially integrate the first decay pulse, whereby to derive a further integral decay pulse of small amplitude range relative to the first decay pulse. The circuit also includes means to measure sufficient parameter values for the integral decay pulse to identify the coin. A method of identifying a coin or of discriminating between two or more coins is also described.

IPC 8 full level

G07D 5/08 (2006.01)

CPC (source: EP)

G07D 5/08 (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004072912 A1 20040826; AT E417336 T1 20081215; AU 2003900636 A0 20030227; DE 602004018279 D1 20090122; EP 1602082 A1 20051207; EP 1602082 A4 20060524; EP 1602082 B1 20081210

DOCDB simple family (application)

AU 2004000176 W 20040213; AT 04710748 T 20040213; AU 2003900636 A 20030213; DE 602004018279 T 20040213; EP 04710748 A 20040213