

Title (en)

Method and circuit for testing coins

Title (de)

Verfahren und Schaltungsanordnung zur Prüfung von Münzen

Title (fr)

Méthode et circuit pour l'examen de pièces de monnaie

Publication

**EP 0886247 A3 19991201 (DE)**

Application

**EP 98100090 A 19980107**

Priority

DE 19726449 A 19970621

Abstract (en)

[origin: EP0886247A2] The method involves using an inductive sensor arrangement which comprises a primary coil and a secondary coil, whose field is traversed by a coin. The primary coil is supplied with a periodical transmitter signal which contains preferably harmonics, and an evaluation circuit evaluates the signals of the secondary coil to produce an acceptance- or rejection signal. A periodically recurring section of the transmitter signal is associated with an amount of switching steps, envelope curves are formed from the values of the reception signal of secondary coil at the respective recurring switching steps, and the evaluation circuit forms at least one criterion for the acceptance- or rejection signal from the amount of contemporaneously produced envelope curves.

IPC 1-7

**G07D 5/08**; **G07F 3/02**

IPC 8 full level

**G07D 5/00** (2006.01); **G07D 5/08** (2006.01)

CPC (source: EP)

**G07D 5/02** (2013.01); **G07D 5/08** (2013.01)

Citation (search report)

- [AD] EP 0336018 A2 19891011 - NIPPON CONLUX CO LTD [JP]
- [A] DE 4339543 A1 19950524 - NAT REJECTORS GMBH [DE]

Cited by

EP1233380A3; EP1286313A3; DE102007046390B3; EP1104920A1; EP2040227A3; US7708130B2; EP2040227A2; EP3287991A1; US10262487B2; EP1330793B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0886247 A2 19981223**; **EP 0886247 A3 19991201**; **EP 0886247 B1 20030528**; DE 19726449 A1 19990107; DE 19726449 C2 19990415; DE 59808510 D1 20030703; ES 2196399 T3 20031216

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