

Title (en)

Optical sensor for coin testing assemblies

Title (de)

Optischer Sensor in Münzprüfanordnungen

Title (fr)

Détecteur optique pour ensembles d'examen de pièces de monnaie

Publication

**EP 0889447 A3 19991013 (DE)**

Application

**EP 98108480 A 19980509**

Priority

DE 29711694 U 19970703

Abstract (en)

[origin: EP0889447A2] The sensor has at least two optical transmitters (10,12) powered by a current source, and at least one optical receiver (40,42). The latter is connected to electronic reception and interrogation circuitry. The optical transmitters (10,12) can each be connected via a respective electronic switch (24,26) to an electrical energy store (14,16). The electronic switches (24,26) are actuated by control pulses of a microcomputer. The energy stores (14,16) are connected such that they are charged between control pulses. The transmitters (10,12) with electronic switches (24,26) and energy stores (14,16) are arranged such that one electronic switch is actuated on the rising edge of a control pulse and the other switch is actuated on the falling edge.

IPC 1-7

**G07F 3/02**; **G07D 5/00**

IPC 8 full level

**G07D 5/00** (2006.01); **G07F 5/22** (2006.01)

CPC (source: EP)

**G07D 5/00** (2013.01)

Citation (search report)

- [A] DE 3416045 A1 19851031 - SIEMENS AG [DE]
- [A] DE 4301530 C1 19940630 - NAT REJECTORS GMBH [DE]

Cited by

BE1016016A3; US6314827B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 29711694 U1 19970918**; DE 59808736 D1 20030724; EP 0889447 A2 19990107; EP 0889447 A3 19991013; EP 0889447 B1 20030618; ES 2198616 T3 20040201

DOCDB simple family (application)

**DE 29711694 U 19970703**; DE 59808736 T 19980509; EP 98108480 A 19980509; ES 98108480 T 19980509