

Title (en)
Coin testing device

Title (de)
Münzerkennungsvorrichtung

Title (fr)
Sélecteur de pièces de monnaie

Publication
EP 2355055 A1 20110810 (DE)

Application
EP 11153595 A 20110207

Priority
DE 102010007586 A 20100210

Abstract (en)
The coin identification device (1) has a remanence sensor for detecting a magnetic remanence of a coin. The remanence sensor is arranged at a coin transport route along which the coin is transportable with a predetermined transport speed. A magnetizing device is arranged on the coin transport route before the remanence sensor for biasing the coin. The remanence sensor is an anisotropic magneto resistive sensor. An independent claim is also included for a method for automatic counting, sorting and checking of the authenticity of various coins.

Abstract (de)
Die vorliegende Erfindung betrifft eine Münzerkennungsvorrichtung (1) sowie ein Verfahren zum automatischen Zählen, Sortieren und/oder Prüfen der Echtheit verschiedener ferromagnetischer Münzen (12). Um die Münzen (12) besser und schneller prüfen zu können, ist erfindungsgemäß vorgesehen, dass ein Remanenzsignal einer Münze (12) erfasst wird.

IPC 8 full level
G07D 5/08 (2006.01)

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

Citation (applicant)
DE 4306858 A1 19940901 - NGZ GELDZAEHLMASCH GMBH [DE]

Citation (search report)
• [X1] FR 2932593 A1 20091218 - PARKEON [FR]
• [X1] US 4681204 A 19870721 - ZIMMERMANN GERT [DE]
• [XA1] US 4483431 A 19841120 - PRATT GARY A [US]
• [I] DE 2015115 A1 19711007 - NAT REJECTORS GMBH

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2355055 A1 20110810; EP 2355055 B1 20171018; DE 102010007586 A1 20110811; ES 2651089 T3 20180124; PL 2355055 T3 20180330

DOCDB simple family (application)
EP 11153595 A 20110207; DE 102010007586 A 20100210; ES 11153595 T 20110207; PL 11153595 T 20110207