

Title (en)

Method and device for checking coins

Title (de)

Verfahren und Vorrichtung zum Prüfen von Münzen

Title (fr)

Méthode et dispositif pour l'examen de pièces de monnaie

Publication

EP 0508560 B1 19971126 (DE)

Application

EP 92250081 A 19920408

Priority

- DE 4112106 A 19910411
- DE 4139503 A 19911127

Abstract (en)

[origin: EP0508560A2] The invention relates to a method and a device for checking the authenticity and value of coins by the use of inductive and optoelectronic means. The invention proposes an improved coin checking, along with a much more reliable recognition of genuine coins and rejection of counterfeit coins which is especially suitable for mobile appliances. According to the invention, within a checking cycle, in which the coin is received, centred, clamped and rotated through 360 DEG , the coin diameter, coin embossing and type of material are detected and evaluated, the coin diameter being determined and checked by means of the angle of rotation of two discs arranged rotatably relative to one another. The device according to the invention is equipped with means which guarantee an exactly centred and vibration-proof clamping of the coin for optoelectronic sensing and inductive material recognition.

IPC 1-7

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

IPC 8 full level

G07D 5/02 (2006.01); **G07D 5/00** (2006.01)

CPC (source: EP US)

G07D 5/005 (2013.01 - EP US); **G07D 5/02** (2013.01 - EP US); **G07D 5/08** (2013.01 - EP US); **G07D 5/10** (2013.01 - EP US)

Cited by

DE10018198B4; EP1146489A2; EP2071525A1

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0508560 A2 19921014; **EP 0508560 A3 19950823**; **EP 0508560 B1 19971126**; DE 59209033 D1 19980108; JP 3487868 B2 20040119; JP H05108919 A 19930430; US 5361886 A 19941108

DOCDB simple family (application)

EP 92250081 A 19920408; DE 59209033 T 19920408; JP 9118992 A 19920410; US 85719592 A 19920325