

Title (en)

Method and device to recognize coins in a validation unit

Title (de)

Verfahren und Vorrichtung zur Münzerkennung in einer Auswerteeinheit

Title (fr)

Méthode et appareil de reconnaissance de pièces de monnaie dans une unité de validation

Publication

**EP 1439499 A1 20040721 (EN)**

Application

**EP 03001095 A 20030120**

Priority

EP 03001095 A 20030120

Abstract (en)

The present invention propose a method to recognize coins in a coin validation unit comprising a runway for coin passage where is placed at least one inductive sensor in form of a pair of coils between which a coin is going through, to said coils are applied input electric signals which responses represent, after calculation, values proportional respectively to the sensor conductance and to the sensor susceptance, said values are an image of the coin characteristics. <??>This invention describes also the coin validation device able to recognize coins according to the method. <??>The objective is to provide a coin recognition method and device which main features lead to a high reliability, stability, and repeatability with the lowest manufacturing costs. <IMAGE>

IPC 1-7

**G07D 5/08**

IPC 8 full level

**G07D 5/00** (2006.01)

CPC (source: EP)

**G07D 5/00** (2013.01)

Citation (search report)

- [XY] EP 1172772 A2 20020116 - AZKOYEN MEDIOS DE PAGO SA [ES]
- [Y] US 6340082 B1 20020122 - HOUSE LARRY J [US], et al
- [Y] DE 10049390 A1 20010412 - NIPPON CONLUX CO LTD [JP]
- [Y] JP S5384453 A 19780725 - FUJITSU LTD
- [A] US 5199545 A 19930406 - TAKAMISAWA KAIHEI [JP], et al
- [A] EP 0392110 A2 19901017 - NIPPON CONLUX CO LTD [JP]

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 SE SI SK TR

DOCDB simple family (publication)

**EP 1439499 A1 20040721**

DOCDB simple family (application)

**EP 03001095 A 20030120**