

Title (en)

Method of and apparatus for identifying a coin

Title (de)

Verfahren und Vorrichtung zur Münzidentifizierung

Title (fr)

Méthode et dispositif pour identifier une pièce de monnaie

Publication

**EP 1104920 A1 20010606 (EN)**

Application

**EP 99204084 A 19991202**

Priority

EP 99204084 A 19991202

Abstract (en)

To provide an extremely highly reliable coin identifying method and an apparatus, capable of exactly identifying a clad coin without having to pay attention to what kind it belongs to. It employs an eddy current loss detecting type magnetic sensor comprising coils, which said magnetic sensor being formed by arranging an exciting coil and a reflection detecting coil on the same side with respect to a coin to be identified. The method includes exciting the exciting coil by synthesizing together at least three kinds of frequencies, calculating an attenuation rate by dividing, with an output of the reflection detecting coil when not having a coin, an output difference of the reflection detecting coil between a time having a coin and a time not having a coin in relation to various frequencies, thereby performing the coin identification. <IMAGE>

IPC 1-7

**G07D 5/08**

IPC 8 full level

**G07D 3/02** (2006.01); **G07D 5/08** (2006.01)

CPC (source: EP)

**G07D 3/02** (2013.01); **G07D 5/08** (2013.01)

Citation (applicant)

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Citation (search report)

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