

Title (en)

A method for the identification of coins.

Title (de)

Verfahren zum Identifizieren von Münzen.

Title (fr)

Méthode d'identification de pièces de monnaie.

Publication

**EP 0219574 A2 19870429 (EN)**

Application

**EP 85116387 A 19851220**

Priority

ES 547918 A 19851016

Abstract (en)

A method and apparatus for the identification of coins are described, in which a mechanical excitation is applied to the coin by means of an impact which produces an acoustical signal, that is collected by an electronic system transforming it into an electrical signal, that is amplified and filtered to be subsequently analysed according to the Fourier transform, for its identification and control, through a comparison with a standard of frequencies, together with the measurement of the diameter, said coin being accepted if there is an agreement between the frequencies of the acoustical signal and the standard of frequencies corresponding to the detected diameter, and discarded in the opposite case.

IPC 1-7

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

IPC 8 full level

**G07D 5/00** (2006.01)

CPC (source: EP)

**G07D 5/00** (2013.01)

Cited by

GB2339316A; GB2222903A; AU617528B2; EP0653731A3; AU678857B2; US5316119A; EP0356582A1; DE102004038153A1; DE102004038153B4; EP1628267A3; EP0318229A3; GB2215505A; EP0323396A1; US4989715A; EP1628267A2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0219574 A2 19870429; EP 0219574 A3 19880113; ES 547918 A0 19870216; ES 8703205 A1 19870216**

DOCDB simple family (application)

**EP 85116387 A 19851220; ES 547918 A 19851016**