

Title (en)

A METHOD FOR THE IDENTIFICATION OF COINS

Publication

EP 0219574 A3 19880113 (EN)

Application

EP 85116387 A 19851220

Priority

ES 547918 A 19851016

Abstract (en)

[origin: EP0219574A2] 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)

Citation (search report)

- [Y] DE 2005038 A1 19710812 - W H MUENZPRUEFER WALTER HANKE
- [Y] US 3147839 A 19640908 - WHITE JR ROBY B
- [A] FR 2359468 A2 19780217 - CROUZET SA [FR]
- [A] FR 2103318 A5 19720407 - TICKET EQUIPMENT LTD
- [A] DE 2017390 A1 19711028 - BREDE MAKO APPARATE
- [A] US 3939953 A 19760224 - MIYAZAWA KUNIAKI
- [A] CH 591126 A5 19770915 - RET SA
- [E] CH 656240 A5 19860613 - CLAUDE ERIC JAQUET

Cited by

GB2339316A; US5316119A; EP0356582A1; GB22222903A; AU617528B2; EP0653731A3; AU678857B2; 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