

Title (en)
Self tuning coin recognition system.

Title (de)
Selbstabstimmendes Münzerkennungssystem.

Title (fr)
Système à auto-accordement pour la reconnaissance de pièces de monnaie.

Publication
EP 0155126 A2 19850918 (EN)

Application
EP 85301409 A 19850301

Priority
US 58525384 A 19840301

Abstract (en)
A self-tuning coin testing apparatus having a coin sensor circuit which produces an output signal indicative of a parameter characteristic of the coins which are tested by the coin sensor and a programmed microprocessor which stores an initial acceptance limit, determines whether the output signal from the coin sensor is indicative of a valid coin, stores a signal based on the output signal for each valid coin, calculates a statistical function based on the stored signal, and finally computes and stores a new acceptance limit based on the stored signals for a predetermined number of previously accepted coins. The statistical function, is preferably weighted so that it is based upon values for only a predetermined number of the most recently accepted coins so that a recent average is maintained.

IPC 1-7
G07F 3/02; **G07D 5/08**

IPC 8 full level
G07D 5/00 (2006.01); **G07D 5/08** (2006.01); **G07F 5/26** (2006.01); **G07F 7/10** (2006.01); **G07F 9/04** (2006.01)

IPC 8 main group level
G07D (2006.01); **G07F** (2006.01)

CPC (source: EP)
G07D 5/02 (2013.01); **G07D 5/08** (2013.01)

Cited by
US6230869B1; US6346039B2; US6311820B1; EP0328441A3; US6119844A; US5404987A; US5718318A; US5984074A; US6053300A; US5767506A; DE4121034C1; EP0520230A1; US5931277A; GB2199978A; DE102009024872A1; ITRM20080625A1; US6467604B1; EP1043699A1; US7381126B2; US8797516B2; EP0708420A2; WO0010138A1; WO9500932A1; WO9805008A1; EP1017026A2; US5940281A; GB2284293A; GB2284293B; US5992600A; EP0480736A3; US5167313A; US5330041A; US5443144A; US5564548A; EP0685826A3; US5730272A; AU689730B2; EP1156458A3; US6223877B1; EP0685826A2; EP0202378B1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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