Title (en)

SELF TUNING COIN RECOGNITION SYSTEM

Publication

EP 0155126 B1 19910227 (EN)

Application

EP 85301409 A 19850301

Priority

US 58525384 A 19840301

Abstract (en)

[origin: EP0155126A2] 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

G07D 5/08; G07F 3/02

IPC 8 full level

G07D 5/08 (2006.01); **G07D 5/00** (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; US6119844A; EP0328441A3; US5984074A; US5718318A; US5404987A; US6053300A; US5767506A; DE4121034C1; EP0520230A1; US5931277A; GB2199978A; DE102009024872A1; ITRM20080625A1; US6467604B1; EP1043699A1; EP0708420A2; WO0010138A1; US8797516B2; US7381126B2; WO9500932A1; WO9805008A1; EP1017026A2; US5940281A; GB2284293A; GB2284293B; US5992600A; EP0480736A3; US5167313A; US5330041A; US5443144A; US5564548A; EP0685826A3; US5730272A; AU689730B2; EP1156458A3; US6223877B1; EP0685826A2; EP0202378B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0155126 A2 19850918; **EP 0155126 A3 19870107**; **EP 0155126 B1 19910227**; **EP 0155126 B2 20010711**; AT E61136 T1 19910315; AU 4110285 A 19850924; AU 584330 B2 19890525; BR 8505538 A 19860218; CA 1228921 A 19871103; DE 3581817 D1 19910404; DK 502785 A 19860102; DK 502785 D0 19851031; ES 540860 A0 19861116; ES 8700886 A1 19861116; GR 850518 B 19850701; HK 36396 A 19960308; IE 56794 B1 19911218; IE 850477 L 19850901; JP H04211888 A 19920803; JP H0727585 B2 19950329; JP H0785277 B2 19950913; JP S61501349 A 19860703; KR 850700280 A 19851226; KR 930007271 B1 19930804; MX 160403 A 19900216; WO 8504037 A1 19850912; ZA 851248 B 19851127

DOCDB simple family (application)

EP 85301409 A 19850301; AT 85301409 T 19850301; AU 4110285 A 19850301; BR 8505538 A 19850301; CA 475454 A 19850228; DE 3581817 T 19850301; DK 502785 A 19851031; ES 540860 A 19850301; GR 850100518 A 19850228; HK 36396 A 19960229; IE 47785 A 19850226; JP 2705391 A 19910221; JP 50132885 A 19850301; KR 850700280 A 19851101; MX 20447085 A 19850228; US 8500369 W 19850301; ZA 851248 A 19850219