

Title (en)

PROCESS FOR CLASSIFYING A TIME SERIES HAVING A PREDETERMINABLE NUMBER OF SCANNING VALUES, E.G. AN ELECTRIC SIGNAL, BY MEANS OF A COMPUTER

Title (de)

VERFAHREN ZUR KLASSIFIKATION EINER ZEITREIHE, DIE EINE VORGEGBARE ANZAHL VON ABTASTWERTEN AUFWEIST, BEISPIELSGEWEISE EINES ELEKTRISCHEN SIGNALS, DURCH EINEN RECHNER

Title (fr)

PROCEDE DE CLASSIFICATION D'UNE SERIE TEMPORELLE PRESENTANT UN NOMBRE PREDEFINI DE VALEURS DE BALAYAGE, PAR EXEMPLE D'UN SIGNAL ELECTRIQUE, PAR UN ORDINATEUR

Publication

EP 0978053 A1 20000209 (DE)

Application

EP 97923823 A 19970515

Priority

- DE 9700985 W 19970515
- DE 19624849 A 19960621

Abstract (en)

[origin: WO9750047A1] A generalised correlation integral is found for at least a part of the scanning values of a time series (102). A function family of an entropy function is found from the values of the generalised correlation integral (103). Here, a number (p) of future scanning values to be taken into account is used as a parameter of the function family of the entropy function. The time series is classified (104) into various types of characteristic processes from the form of the function family of the entropy function.

IPC 1-7

G06F 17/00

IPC 8 full level

A61B 5/0452 (2006.01); **A61B 5/0476** (2006.01); **G06F 17/00** (2006.01); **G06F 17/18** (2006.01)

CPC (source: EP US)

G06F 18/00 (2023.01 - EP US); **G06F 2218/12** (2023.01 - EP US)

Citation (search report)

See references of WO 9750047A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 9750047 A1 19971231; EP 0978053 A1 20000209; JP 2000513467 A 20001010; US 6226549 B1 20010501

DOCDB simple family (application)

DE 9700985 W 19970515; EP 97923823 A 19970515; JP 50204998 A 19970515; US 20264999 A 19990712