

Title (en)  
Machine for sorting securities

Title (de)  
Vorrichtung zum Sortieren von Wertpapier

Title (fr)  
Machine de tri de titres

Publication  
**EP 1043700 A1 20001011 (EN)**

Application  
**EP 00200982 A 20000320**

Priority  
NL 1011766 A 19990409

Abstract (en)  
Machine for sorting securities each having an individual sign. The machine has a detector device for measuring momentaneous values of a number of parameters of a separate security and for generating a corresponding measuring signal, and a computer with a sorting algorithm connected to the detector device for receiving the measuring signals issued by it. The computer issues sorting signals to a sorting means on the basis of the measuring signals and the sorting algorithm, which sorting means sorts the securities in reaction to it. The computer has a file including a correspondence list, in which correspondence list the individual sign of each separate security and original values of the number of parameters are included immediately after manufacture of the security concerned, and with a file of sorting algorithms. The detector device has a sign detector for the detection of an individual sign, for generating a sign indication signal and for issuing the sign indication signal to the computer. The computer chooses an accompanying sorting algorithm in reaction to a sign indication signal via the original values. Alternatively the computer has a file including a correspondence list, in which correspondence list the individual sign of each separate security and an accompanying sorting algorithm are included. The detector device has a sign detector for the detection of an individual sign, for generating a sign indication signal and for issuing the sign indication signal to the computer. In reaction to a sign indication signal the computer chooses the sorting algorithm from the algorithm file, which according to the correspondence list belongs to it. The detector device may be a clean/dirty detector device or an authenticity characteristics detector device.

IPC 1-7  
**G07D 7/00**

IPC 8 full level  
**G07D 11/00** (2006.01)

CPC (source: EP)  
**G07D 11/50** (2018.12)

Citation (search report)  
• [A] EP 0473106 A2 19920304 - HITACHI LTD [JP]  
• [A] US 5478992 A 19951226 - HAMADA YASUNORI [JP], et al  
• [A] EP 0280436 A2 19880831 - DE LA RUE SYST [GB]  
• [A] EP 0553402 A1 19930804 - LANDIS & GYR BUSINESS SUPPORT [CH]

Cited by  
EP3327680A4; WO2012165959A1; WO2011082792A1; WO2011082793A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1043700 A1 20001011; EP 1043700 B1 20051130**; AT E311639 T1 20051215; DE 60024348 D1 20060105; DE 60024348 T2 20060824; ES 2254106 T3 20060616; NL 1011766 C2 20001010

DOCDB simple family (application)  
**EP 00200982 A 20000320**; AT 00200982 T 20000320; DE 60024348 T 20000320; ES 00200982 T 20000320; NL 1011766 A 19990409