

Title (en)
METHOD AND APPARATUS FOR DOCUMENT PROCESSING

Title (de)
VERFAHREN UND VORRICHTUNG ZUR DOKUMENTVERARBEITUNG

Title (fr)
PROCEDE ET APPAREIL DE TRAITEMENT DE DOCUMENTS

Publication
EP 0960399 B2 20100303 (EN)

Application
EP 97927796 A 19970528

Priority

- US 9709041 W 19970528
- US 1856396 P 19960529
- US 3495497 P 19970116
- US 3834097 P 19970227

Abstract (en)
[origin: WO9745810A1] A currency evaluation device (10) for receiving a stack of currency bills and rapidly evaluating all the bills in the stack. The device comprises an input receptacle (12) and a plurality of output receptacles (217a, 217b) for receiving the bills after they have been evaluated. A transport mechanism transports the bills, one at a time, from the input receptacle to the output receptacles along a transport path. A discriminating unit (247) including a detector positioned along the transport path between the input receptacle and the output receptacles evaluates the bills. The discriminating unit determines the denomination of the bills and detects the occurrence of a plurality of error conditions. The evaluation device also comprises an interface (15) that permits a user of the evaluation device to specify how the plurality of error conditions are to be handled.

IPC 8 full level
G07D 7/00 (2006.01); **G07D 7/04** (2006.01); **G07D 7/12** (2006.01); **G07D 11/00** (2006.01)

CPC (source: EP US)
G07D 7/00 (2013.01 - EP US); **G07D 11/24** (2018.12 - EP); **G07D 11/50** (2018.12 - EP)

Citation (opposition)
Opponent :

- US 5230653 A 19930727 - SHINOZAKI TAKASHI [JP], et al
- US 5295196 A 19940315 - RATERMAN DONALD E [US], et al
- EP 0132329 A2 19850130 - DE LA RUE SYST [GB]
- GB 2061232 A 19810513 - RADIOELECTRIQUE COMP IND
- EP 0130825 A2 19850109 - DE LA RUE SYST [GB]
- DE 3412725 C2 19890309
- US 4787518 A 19881129 - YUGE AKIO [JP], et al
- EP 0706156 A2 19960410 - CUMMINS ALLISON CORP [US]
- DE 2731531 C2 19900613
- US 5051900 A 19910924 - ITO MICHIO [JP], et al
- DE 3139447 C2 19830616
- DE 2760269 C2 19870305
- DE LA RUE SYSTEMS (3110 MK II) FLYER - 1987
- DE LA RUE SYSTEMS (3120) FLYER - 1987
- DECLARATION BY MR. D. C. REEVES
- DE LA RUE SYSTEMS (3100 SERIES) OPERATOR INSTRUCTIONS - 1986
- USE OF THE DIAGNOSTICS FUNCTION (3110 MKII/3120 MACHINES)-1986
- GELDINSTITUTE-3-1983, S. 114, 116

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 9745810 A1 19971204; AU 3216897 A 19980105; CA 2256760 A1 19971204; CA 2256760 C 20091215; DE 69712105 D1 20020523; DE 69712105 T2 20020822; DE 69737666 D1 20070606; DE 69737666 T2 20070816; EP 0952556 A2 19991027; EP 0952556 A3 19991103; EP 0960399 A1 19991201; EP 0960399 A4 19991201; EP 0960399 B1 20020417; EP 0960399 B2 20100303; EP 1168254 A2 20020102; EP 1168254 A3 20020206; EP 1227446 A2 20020731; EP 1227446 A3 20021127; EP 1227446 B1 20070425; EP 1227446 B2 20151111

DOCDB simple family (application)
US 9709041 W 19970528; AU 3216897 A 19970528; CA 2256760 A 19970528; DE 69712105 T 19970528; DE 69737666 T 19970528; EP 01121852 A 19970528; EP 02008595 A 19970528; EP 97927796 A 19970528; EP 99113458 A 19970528