Title (en)

CASH DISPENSING AUTOMATED BANKING MACHINE WITH NOTE UNSTACKING AND VALIDATION

Title (de)

BARGELDAUSGEBENDER GELDAUTOMAT MIT NOTENENTSTAPELUNG UND VALIDIERUNG

Title (fr)

GUICHET AUTOMATIQUE BANCAIRE COMPORTANT DES FONCTIONS DE DESEMPILEMENT ET DE VALIDATION DE BILLETS

Publication

EP 1673740 B1 20111116 (EN)

Application

EP 04817314 A 20040419

Priority

- US 2004012271 W 20040419
- US 68867003 A 20031017
- US 68872503 A 20031017
- US 53535904 P 20040109
- US 53536604 P 20040109

Abstract (en)

[origin: WO2005041135A1] An automated banking machine (10) includes a user interface (15). The user interface includes a card reader (16), receipt printer opening (30), cash dispensing opening (38) and deposit accepting opening (40). A stack of notes (84) input to the machine are separated one by one from the stack through the action of at least one picking member (158, 352) and at least one stripper member (64, 162, 354). The actions of non- contact stripper rolls and a contact stripper roll are generally effective to only enable a single note to move past the stripper members. Upon sending that multiple notes have moved past the stripper members with a sensor (176, 366) the system is operative to return notes to the stack for subsequent picking trials. In some cases the stripper members may be driven so as to move notes engaged therewith relative to a note engaged with stripper member so as to reorient the notes and facilitate note separation in subsequent picking events.

IPC 8 full level

G07D 7/16 (2006.01); **B65H 3/06** (2006.01); **B65H 3/52** (2006.01); **G07D 11/00** (2006.01); **G07F 19/00** (2006.01)

CPC (source: BR EP)

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Cited by

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DE ES FR GB IT PL

DOCDB simple family (publication)

WO 2005041135 A1 20050506; BR PI0415256 A 20061212; BR PI0415256 B1 20161004; CA 2542159 A1 20050506; CA 2542159 C 20110802; EP 1673740 A1 20060628; EP 1673740 A4 20080312; EP 1673740 B1 20111116; ES 2375193 T3 20120227; MX PA06003766 A 20060614; PL 1673740 T3 20120430

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