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(54) Title: AUTOMATED TELLER MACHINE WITH FRAUD DETECTION SYSTEM

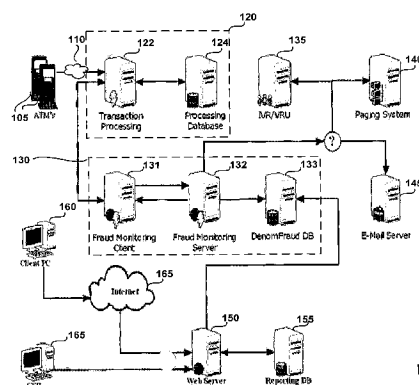


FIG. 1A

(57) Abstract: One embodiment involves a method for detecting fraud occurring at an Automatic Teller Machine ('ATM'). The ATM may include at least one cassette holding a denomination of paper currency to dispense. In one step, an ATM network host computer system receives a communications signal from the ATM. The signal comprises a transaction request to withdraw funds from the ATM by a user of the ATM. The communications signal also includes a transaction denomination value for the cassette holding the paper currency to dispense. The ATM network host computer system evaluates whether the transaction denomination value is different from an expected denomination value for the cassette. The transaction request is flagged if the transaction denomination value is different from the expected denomination value.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 08/53598

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06Q 40/00 (2008.04)

USPC - 705/43

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8): G06Q 40/00 (2008.04)

USPC: 705/43

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Additional USPC: 235/379; 705/39, 42, 43; 902/8, 14 and all classes, search terms below

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PubWEST(USPT,PGPB,EPAB,JPAB); Google Patents, Google Scholar

Search terms used: cassette, denomination, currency, teller machine, ATM, delay dispensing, camera, image, fraud, disable ATM, halt, cease, communications signal, email, network, bank, financial institution, transaction

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ----- Y	US 2005/0010525 A1 (Ross et al.) 13 January 2005 (13.01.2005) para [0041]; para [0050]; para [0071]; para [0074-0075]; para [0091]; para [0113]; para [0115]; para [0122-0123]; para [0127-0130]	1-3, 6-7, 12-14, 17-18 and 23 ----- 4-5, 8-11, 15-16 and 19-22
Y	US 5,903,830 A (Joao et al.) 11 May 1999 (11.05.1999) col 10, ln 8-13 and 55-58; col 24, ln 50-64; col 27, ln 55-59	4-5, 8-10, 16 and 19-21
Y	US 7,000,832 B2 (Washington et al.) 21 February 2006 (21.02.2006) col 38, ln 30-35; col 39, ln 5-10	11 and 22
Y	US 3,593,881 A (Paap) 20 July 1971 (20.07.1971) Abstract; col 4, ln 46-50	15

☐ Further documents are listed in the continuation of Box C.

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