

Title (en)

System and method for independent verification of circulating bank notes

Title (de)

System und Verfahren zur unabhängigen Prüfung von Banknoten im Umlauf

Title (fr)

Système et procédé pour la vérification indépendante de billets de banque en circulation

Publication

EP 2244233 A1 20101027 (EN)

Application

EP 09158659 A 20090423

Priority

EP 09158659 A 20090423

Abstract (en)

A system and method for independently verifying a bank note processor's handling of circulating bank notes. Independent detectors are provided along the transport path of a bank note processing device. Also provided is at least one independent memory storage device for logging data from the independent detectors. As the note passes along the transport path, the independent detectors evaluate the note's fitness. The independent detector data is subsequently provided to the central bank or commercial organization for auditing of the bank note processor and for generating bank note statistics. Independent detectors may also be used on the transport path output bins to corroborate the other detectors and to verify the integrity of the sorting logic. Mirrored independent detectors allow for corroborating independent data. The invention is operable on any bank note processing device that performs at least a subset of a fitness determination on each note.

IPC 8 full level

G07D 7/00 (2006.01)

CPC (source: EP US)

G07D 7/00 (2013.01 - EP US)

Citation (applicant)

EP 1324285 A2 20030702 - HITACHI LTD [JP]

Citation (search report)

- [X] EP 1324285 A2 20030702 - HITACHI LTD [JP]
- [X] US 2004255354 A1 20041216 - GRAEF H THOMAS [US], et al
- [X] US 2002066125 A1 20020530 - MUKAI MASANORI [JP]

Citation (examination)

- WO 2008028581 A1 20080313 - GIESECKE & DEVRIENT GMBH [DE], et al
- US 2004062430 A1 20040401 - BUNTSHECK WILHELM [DE]
- US 2009188974 A1 20090730 - HAYCOCK RICHARD GLEN [CA], et al
- US 2010032351 A1 20100211 - SCHMIDT ALFRED [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2244233 A1 20101027

DOCDB simple family (application)

EP 09158659 A 20090423