

Title (en)

Paper sheet handling machine

Title (de)

Vorrichtung zur Papierblatthandhabung

Title (fr)

Machine de manipulation d'une feuille de papier

Publication

EP 1788532 A2 20070523 (EN)

Application

EP 06018472 A 20060904

Priority

JP 2005335703 A 20051121

Abstract (en)

It is intended to make possible informing, at the time of maintenance for regular inspection or the like, personnel in charge of any part where a trouble is predictable to enable them to perform inspection or maintenance before the trouble occurs and thereby to reduce the duration the failure of the apparatus. A bill handling apparatus 1 is provided with a conveyance path 10 for conveying bills among a deposit/withdrawal unit 9, bill boxes 3-6, a rejected bill box 7 and a temporary stocking box 8, wherein sensors 31-46 for detecting passage of the bills are arranged on the conveyance path 10, and there are further provided a conveyance monitoring/ control unit 213 for monitoring a conveyance status of the bills in each of sensor sections on the conveyance path on the basis of front end passage times and rear end passage times of the bills at the sensors and a display device for perceivably outputting a result of monitoring by the conveyance monitoring/control unit 213.

IPC 8 full level

G07D 11/00 (2006.01)

CPC (source: EP KR US)

G07D 11/235 (2018.12 - EP KR US); **G07D 11/26** (2018.12 - KR); **G07F 19/209** (2013.01 - KR); **G07D 2211/00** (2013.01 - KR)

Citation (applicant)

JP H0877417 A 19960322 - OKI ELECTRIC IND CO LTD

Cited by

EP2808848A1; US9540197B2

Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1788532 A2 20070523; **EP 1788532 A3 20080416**; CN 1971637 A 20070530; CN 1971637 B 20100929; JP 2007141049 A 20070607; JP 4942330 B2 20120530; KR 100817867 B1 20080331; KR 20070053605 A 20070525; US 2007114717 A1 20070524

DOCDB simple family (application)

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