

Title (en)

Paper sheet storage device and control method and control program for paper sheet storage device

Title (de)

Papierbogenaufbewahrungsvorrichtung und Steuerverfahren und Steuerprogramm für eine Papierbogenaufbewahrungsvorrichtung

Title (fr)

Dispositif de stockage de feuilles de papier, ainsi que procédé et programme de contrôle d'un dispositif de stockage de feuilles de papier

Publication

EP 2036843 A3 20110831 (EN)

Application

EP 08010926 A 20080616

Priority

JP 2007236327 A 20070912

Abstract (en)

[origin: EP2036843A2] A paper sheet storage device comprises paper sheet transporting units (301-303) having a transport path for paper sheets and for transporting the paper sheets; a paper sheet feeder (250) for feeding a paper sheet onto the transport path; sensors (501 to 503), disposed on the transport path, for detecting passage of a paper sheet; a transport speed acquiring unit for acquiring the transport speed of a paper sheet based on detection by the sensors; and a controller (210) for controlling the paper sheet transport unit and the paper sheet feeder. In the event that the acquired transport speed of a paper sheet is slower than a prescribed speed, the controller causes the paper sheet feeder to halt the feeding of paper sheets, and operates in reverse a portion of the paper sheet transport unit that is situated closer to the paper sheet feeder than the slow moving paper sheet.

IPC 8 full level

B65H 7/18 (2006.01)

CPC (source: EP KR US)

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Citation (search report)

- [X] JP H09114156 A 19970502 - RICOH KK
- [A] EP 1306336 A2 20030502 - PITNEY BOWES INC [US]
- [A] GB 2429767 A 20070307 - INT CURRENCY TECH [TW]

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2036843 A2 20090318; **EP 2036843 A3 20110831**; **EP 2036843 B1 20140625**; CN 101388122 A 20090318; CN 101388122 B 20130320; JP 2009067513 A 20090402; KR 101025246 B1 20110329; KR 20090027563 A 20090317; TW 200912807 A 20090316; TW 201246132 A 20121116; TW I365426 B 20120601; TW I434232 B 20140411; US 2009066017 A1 20090312

DOCDB simple family (application)

EP 08010926 A 20080616; CN 200810128830 A 20080620; JP 2007236327 A 20070912; KR 20080058315 A 20080620; TW 101105094 A 20080520; TW 97118506 A 20080520; US 14242708 A 20080619