

Title (en)

Bill position adjustment method and system for bill acceptor

Title (de)

Rechnungspositionsanpassungsverfahren und System für einen Rechnungsannehmer

Title (fr)

Procédé d'ajustement de position de billets et système pour accepteur de billets

Publication

EP 2196421 A1 20100616 (EN)

Application

EP 08021751 A 20081215

Priority

EP 08021751 A 20081215

Abstract (en)

A bill position adjustment method and system for bill acceptor is disclosed to include a body with an insertion slot (12) and a bill passage (11), a transmission mechanism for transferring an inserted bill (6), a recognition device (5) for recognizing the authenticity and value of an inserted bill, an entrance sensor (14) and a stoppage sensor (15) mounted in the bill passage (11) for controlling the transmission mechanism to transfer the inserted bill (6) into position for recognition, a bill passage adjustment mechanism (2) for adjusting the width of the bill passage to correct the direction of an inserted bill into accurate alignment with the recognition device (5), and a bill sensor (131) mounted in a sensor zone in the insertion slot for detecting the width of an inserted bill and controlling the bill passage adjustment mechanism (2) to adjust the width of the bill passage subject to the detection result.

IPC 8 full level

B65H 9/10 (2006.01)

CPC (source: EP)

B65H 9/101 (2013.01); **B65H 2220/09** (2013.01); **B65H 2404/14** (2013.01); **B65H 2404/1442** (2013.01); **B65H 2511/12** (2013.01); **B65H 2511/24** (2013.01); **B65H 2701/1912** (2013.01)

Citation (search report)

- [A] US 2005077215 A1 20050414 - NAGO TOKIMI [JP], et al
- [A] WO 0046761 A1 20000810 - CASHCODE CO INC [CA]
- [A] EP 1253097 A1 20021030 - TOSHIBA KK [JP]
- [A] EP 1637487 A2 20060322 - HITACHI OMRON TERMINAL SOLUTIONS CORP [JP]

Cited by

EP2793198A1; CN110544338A; US9284144B2

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 2196421 A1 20100616; EP 2196421 B1 20140305

DOCDB simple family (application)

EP 08021751 A 20081215