

Title (en)

DEVICE AND METHOD FOR ENCLOSING RECEIPTS IN COMMISSIONING SYSTEMS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BEGEBEN VON BELEGEN IN KOMMISSIONIERANLAGEN

Title (fr)

DISPOSITIF ET PROCÉDÉ D'ADJONCTION DE BORDEREAUX DANS DES INSTALLATIONS DE PRÉPARATION DE COMMANDES

Publication

EP 2376357 A1 20111019 (DE)

Application

EP 09804255 A 20091224

Priority

- EP 2009009274 W 20091224
- DE 102009004640 A 20090109

Abstract (en)

[origin: WO2010078947A1] The invention relates to a method and to a system for automated enclosing of receipts (32) in loading equipment, in particular in containers (30), cartons, or shelves transported by means of a conveying system (26) within a commissioning system (10), having: a receipt guide device (40) for storing a receipt, preferably a sole receipt (32) comprising at least one receipt page, and for mechanically guiding the same into corresponding loading equipment automatically fed past the receipt enclosure device (12; 12') such that the receipt (32) can be actively displaced in the associated loading equipment thereof, wherein the receipt guide device (40) comprises substantially horizontal receiving elements (42, 44; 90) supported displaceably to each other and receiving the receipt (32) in a space between said elements in the receiving position (Fig. 6A) thereof, and comprises an actuating element (52, 56; 92) displacing the receiving elements (42, 44; 90) in the discharge position (Fig. 6B) thereof, in which the receipt (32) is discharged into the associated loading equipment; at least one sensor, wherein a first sensor (34) is set up and disposed such that the loading equipment can be identified directly in front of the receipt enclosing device (40); and a control device (18; 20) connected to the sensors in order to out a receipt printing command to a printer (14) depending on a signal of the first sensor (34), so that printing of the receipt (32) associated with the identified loading equipment is initiated.

IPC 8 full level

B65H 39/10 (2006.01)

CPC (source: EP US)

B65H 31/3018 (2013.01 - EP US); **B65H 39/10** (2013.01 - EP US); **B65H 2301/4213** (2013.01 - EP US); **B65H 2301/422548** (2013.01 - EP US); **B65H 2301/422615** (2013.01 - EP US); **B65H 2701/176** (2013.01 - EP US)

Citation (search report)

See references of WO 2010078947A1

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 SM TR

DOCDB simple family (publication)

WO 2010078947 A1 20100715; DE 102009004640 A1 20100715; DE 102009004640 B4 20130117; EP 2376357 A1 20111019; EP 2376357 B1 20130911; ES 2432526 T3 20131204; PL 2376357 T3 20140131; US 2011288678 A1 20111124; US 8688263 B2 20140401

DOCDB simple family (application)

EP 2009009274 W 20091224; DE 102009004640 A 20090109; EP 09804255 A 20091224; ES 09804255 T 20091224; PL 09804255 T 20091224; US 201113177994 A 20110707