

Title (en)

DEVICE AND METHOD FOR PREVENTING THE OUTPUT OF OVERLAPPING SECURITIES

Title (de)

VORRICHTUNG UND VERFAHREN ZUR VERMEIDUNG DER AUSGABE VON SICH ÜBERLAPPENDEN WERTSCHEINEN

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR ÉVITER LA DISTRIBUTION DE BILLETS SE CHEVAUCHANT

Publication

EP 2373560 B1 20170913 (DE)

Application

EP 09803761 A 20091222

Priority

- EP 2009067766 W 20091222
- DE 102009003989 A 20090107

Abstract (en)

[origin: WO2010079094A1] The invention relates to a device (78) for preventing the output of overlapping securities (12 to 18). The device according to the invention has at least one first sensor (80) for determining the length of a continuous sequence of securities comprising at least one security (12 to 18). The device further comprises at least one second sensor (46) for determining the thickness of the security (12 to 18) or of the securities (12 to 18). The device further has a transport element (86) for transporting overlapping securities (12 to 18) in a transport path (36) for securities (12 to 18) to be sorted out. The transport element (86) can be controlled depending on at least the determined length of the sequence of securities and the determined thickness by means of a control unit (88) to supply the securities (12 to 18) to be sorted out to the transport path (36) for securities (12 to 18) to be sorted out. The invention further relates to a method for preventing the output of overlapping securities (12 to 18).

IPC 8 full level

B65H 7/12 (2006.01); **B65H 29/62** (2006.01); **B65H 43/04** (2006.01); **G07D 7/16** (2016.01); **G07D 11/00** (2006.01)

CPC (source: EP)

B65H 7/12 (2013.01); **B65H 29/62** (2013.01); **B65H 43/04** (2013.01); **G07D 7/183** (2017.04); **B65H 2301/22** (2013.01); **B65H 2511/11** (2013.01); **B65H 2511/13** (2013.01); **B65H 2511/414** (2013.01); **B65H 2511/524** (2013.01); **B65H 2553/22** (2013.01); **B65H 2553/412** (2013.01); **B65H 2701/1912** (2013.01)

Citation (examination)

US 5174562 A 19921229 - MIZUNAGA KAZUHIRO [JP], et al

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)

DE 102009003989 A1 20100708; EP 2373560 A1 20111012; EP 2373560 B1 20170913; WO 2010079094 A1 20100715

DOCDB simple family (application)

DE 102009003989 A 20090107; EP 09803761 A 20091222; EP 2009067766 W 20091222