

Title (en)

DEVICE FOR HANDLING VALUE DOCUMENTS HAVING A VIRTUAL AUXILIARY BOX FOR PARTIAL CASH BOX EXCHANGE

Title (de)

VORRICHTUNG ZUR HANDHABUNG VON WERTSCHEINEN MIT EINER VIRTUELLEN HILFSKASSETTE FÜR
TEILGELDKASSETTENWECHSEL

Title (fr)

DISPOSITIF DE MANIPULATION DE PAPIERS DE VALEUR DOTÉ D'UNE CASSETTE AUXILIAIRE VIRTUELLE POUR L'ÉCHANGE PARTIEL
DE CASSETTES D'ARGENT

Publication

EP 2754138 A1 20140716 (DE)

Application

EP 12755962 A 20120813

Priority

- DE 102011053442 A 20110909
- EP 2012065796 W 20120813

Abstract (en)

[origin: WO2013034398A1] The invention relates to a device (10) for handling value documents which comprises an input and output unit (16), a control unit (20), at least one cash box (22 to 28), a reject box (30) and a transport unit for transporting the value documents. There is furthermore an inventory counter (52 to 58) which indicates the current inventory of value documents in the cash box (22 to 28). Upon the occurrence of a failed withdrawal after the removal of at least one value document from the cash box (22 to 28), the value documents of said failed withdrawal are transported to the reject box (30). A reject counter (62 to 68) is allocated to the cash box (22 to 28) which indicates the total count of value documents removed from said cash box (22 to 28) and supplied to the reject box (30), wherein the value of said reject counter (62 to 68) is increased upon the occurrence of a failed withdrawal by the value of the value documents transported to the reject box (30) due to the failed withdrawal. A virtual auxiliary box is created in the software of the control unit (20) wherein the value of an inventory counter (72) of the virtual auxiliary box (70) is increased upon removal of the cash box (22 to 28) from the device (10) by the value of the reject counter (62 to 68) of the removed cash box (22 to 28).

IPC 8 full level

G07D 11/00 (2006.01)

CPC (source: EP US)

G07D 11/34 (2018.12 - EP US); **G07D 11/50** (2018.12 - US)

Citation (search report)

See references of WO 2013034398A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013034398 A1 20130314; CN 103843038 A 20140604; CN 103843038 B 20161109; DE 102011053442 A1 20130314;
EP 2754138 A1 20140716; EP 2754138 B1 20180110; US 2013199888 A1 20130808; US 8689700 B2 20140408

DOCDB simple family (application)

EP 2012065796 W 20120813; CN 201280043757 A 20120813; DE 102011053442 A 20110909; EP 12755962 A 20120813;
US 201213825951 A 20120813