

Title (en)

DEVICE AND METHOD FOR CLASSIFYING VALUE DOCUMENTS, IN PARTICULAR BANK NOTES, AND VALUE DOCUMENT PROCESSING SYSTEM

Title (de)

VORRICHTUNG UND VERFAHREN ZUR KLAFFIZIERUNG VON WERTDOKUMENTEN, INSBESONDERE BANKNOTEN, SOWIE WERTDOKUMENTBEARBEITUNGSSYSTEM

Title (fr)

DISPOSITIF ET PROCÉDÉ DE CLASSIFICATION DE DOCUMENTS DE VALEURS, EN PARTICULIER DE BILLETS DE BANQUE, ET SYSTÈME DE TRAITEMENT DE DOCUMENTS DE VALEURS

Publication

**EP 3539091 B1 20210113 (DE)**

Application

**EP 17811848 A 20171108**

Priority

- DE 102016013515 A 20161111
- EP 2017001302 W 20171108

Abstract (en)

[origin: WO2018086738A1] The invention relates to a device (1) and a method for classifying value documents, and to a value document processing system having such a device. At least two sensor devices (2, 3) are configured to detect waves, in particular electromagnetic waves, reflected from a front and a back of a value document, and to generate corresponding sensor data (8) or to detect properties of the value document in at least two different regions of the value document by means of different measuring principles and to generate corresponding sensor data (8). At least one evaluation device (4, 5) is configured to classify the value document based on the sensor data (8) generated by the at least two sensor devices (2, 3), this data being in particular raw data that relate to the waves reflected from the front and back of the value document or to the properties of the value document detected in the at least two different regions of the value document by means of different measuring principles.

IPC 8 full level

**G07D 7/06** (2006.01)

CPC (source: EP RU US)

**B65H 31/24** (2013.01 - US); **B65H 43/00** (2013.01 - US); **G07D 7/026** (2013.01 - US); **G07D 7/04** (2013.01 - US);  
**G07D 7/06** (2013.01 - EP RU US); **G07D 7/12** (2013.01 - US); **G07D 11/50** (2018.12 - US); **G07D 2207/00** (2013.01 - US);  
**G07D 2211/00** (2013.01 - US)

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 2018086738 A1 20180517**; CN 109906473 A 20190618; CN 109906473 B 20210907; DE 102016013515 A1 20180517;  
EP 3539091 A1 20190918; EP 3539091 B1 20210113; RU 2721843 C1 20200525; US 11610449 B2 20230321; US 2019266826 A1 20190829

DOCDB simple family (application)

**EP 2017001302 W 20171108**; CN 201780068459 A 20171108; DE 102016013515 A 20161111; EP 17811848 A 20171108;  
RU 2019117033 A 20171108; US 201716349029 A 20171108