

Title (en)

METHOD AND DEVICE FOR TESTING VALUE DOCUMENTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR PRÜFUNG VON WERTDOKUMENTEN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR VÉRIFIER DES DOCUMENTS-VALEURS

Publication

EP 2143081 B1 20181024 (DE)

Application

EP 08749044 A 20080422

Priority

- EP 2008003220 W 20080422
- DE 102007019107 A 20070423

Abstract (en)

[origin: WO2008128755A1] The invention relates to a method and a device for detecting counterfeit value documents, such as composed counterfeits made up of parts of different value documents. In the method according to the invention, the signal intensity of a measurement signal is determined at a plurality of measurement points on a value document. For one or more selected groups of measurement points, located particularly along certain directions on the value document, gradient values are determined for the signal intensities. The gradient values of a group are then linked to a connection strength of the group, providing quantitative information about to what extent a large gradient value exists continuously within the corresponding group. The presence of a dividing line in the region of the selected group of measurement points can be deduced from a relatively great connection strength.

IPC 8 full level

G07D 7/00 (2016.01)

CPC (source: EP US)

G07D 7/12 (2013.01 - EP US)

Cited by

WO200913332A1

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

DOCDB simple family (publication)

DE 102007019107 A1 20081030; CN 101689316 A 20100331; CN 101689316 B 20131211; EP 2143081 A1 20100113; EP 2143081 B1 20181024; RU 2009142938 A 20110710; RU 2452030 C2 20120527; US 2010128934 A1 20100527; US 8837804 B2 20140916; WO 2008128755 A1 20081030

DOCDB simple family (application)

DE 102007019107 A 20070423; CN 200880013337 A 20080422; EP 08749044 A 20080422; EP 2008003220 W 20080422; RU 2009142938 A 20080422; US 59740408 A 20080422