

Title (en)

AUTOMATED TELLER MACHINE COMPRISING AT LEAST ONE CAMERA THAT PRODUCES IMAGE DATA TO DETECT MANIPULATION ATTEMPTS

Title (de)

SELBSTBEDIENUNGSTERMINAL MIT MINDESTENS EINER BILDDATEN ERZEUGENDEN KAMERA ZUM ERKENNEN VON MANIPULATIONSVERSUCHEN

Title (fr)

TERMINAL LIBRE-SERVICE DOTÉ D'AU MOINS UNE CAMÉRA GÉNÉRANT DES DONNÉES D'IMAGE POUR DÉTECTER DES TENTATIVES DE MANIPULATIONS

Publication

**EP 2422325 B1 20160525 (DE)**

Application

**EP 10717088 A 20100416**

Priority

- EP 2010055014 W 20100416
- DE 102009018318 A 20090422

Abstract (en)

[origin: WO2010121957A1] The invention proposes an automated teller machine having at least one camera to detect manipulation attempts, said camera capturing images of one or more elements arranged in the control panel, such as the keyboard, money-dispensing compartment, and card entry slot, for example, and producing image data from a plurality of individual image recordings (F1, F2, F3). The one or more cameras are connected to a data processing unit that preprocesses the produced image data (individual image data) into a resulting image (R). The preprocessed image data of the resulting image (R) can be computed, for example, from the individual images (F1, F2, F3) by means of exposure blending and represents a very good database for data analysis to detect manipulation.

IPC 8 full level

**G07F 19/00** (2006.01)

CPC (source: EP US)

**G07F 19/20** (2013.01 - EP US); **G07F 19/207** (2013.01 - EP US)

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 102009018318 A1 20101028**; CN 102598072 A 20120718; CN 102598072 B 20151125; EP 2422325 A1 20120229; EP 2422325 B1 20160525; US 2012038775 A1 20120216; US 9159203 B2 20151013; WO 2010121957 A1 20101028

DOCDB simple family (application)

**DE 102009018318 A 20090422**; CN 201080027721 A 20100416; EP 10717088 A 20100416; EP 2010055014 W 20100416; US 201013264144 A 20100416