

Title (en)

METHOD FOR RECOGNIZING ATTEMPTS AT MANIPULATING A SELF-SERVICE TERMINAL, AND DATA PROCESSING UNIT THEREFOR

Title (de)

VERFAHREN ZUM ERKENNEN VON MANIPULATIONSVERSUCHEN AN EINEM SELBSTBEDIENUNGSTERMINAL UND
DATENVERARBEITUNGSEINHEIT DAFÜR

Title (fr)

PROCÉDÉ POUR DÉTECTER DES TENTATIVES DE MANIPULATIONS D'UN TERMINAL LIBRE-SERVICE ET UNITÉ DE TRAITEMENT DE
DONNÉES ASSOCIÉ

Publication

EP 2422326 A1 20120229 (DE)

Application

EP 10717089 A 20100416

Priority

- EP 2010055016 W 20100416
- DE 102009018320 A 20090422

Abstract (en)

[origin: WO2010121959A1] Proposed is a method (100) for recognizing attempts at manipulating a self-service terminal, in particular a cash dispenser, comprising a control panel in which various elements, e.g. a keyboard, cash dispensing slot, etc., are arranged. In said method, a camera is directed onto at least one of the elements, and the image data generated by the camera is evaluated. At least one edge image is created from the generated image data using edge detection (step 120). The edge image is evaluated using a reference edge image (step 130). Several individual images are used for creating the reference edge image (step 110). The edge detection allows manipulation attempts to be evaluated and recognized in a fully automatic manner.

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)

Citation (search report)

See references of WO 2010121959A1

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 102009018320 A1 20101028; CN 102414725 A 20120411; EP 2422326 A1 20120229; US 2012038774 A1 20120216;
US 9165437 B2 20151020; WO 2010121959 A1 20101028

DOCDB simple family (application)

DE 102009018320 A 20090422; CN 201080017761 A 20100416; EP 10717089 A 20100416; EP 2010055016 W 20100416;
US 201013264135 A 20100416