

Title (en)

Paper sheet identifying and checking apparatus

Title (de)

Vorrichtung zum Identifizieren und Überprüfen von Papierbögen

Title (fr)

Identification de feuille de papier et appareil de vérification

Publication

EP 1862978 A3 20080813 (EN)

Application

EP 07010890 A 20070601

Priority

JP 2006154863 A 20060602

Abstract (en)

[origin: EP1862978A2] In a paper sheet identifying and checking apparatus (1) including a conveying path (3) to convey a bill (6), a line sensor (23) including a plurality of light sensor elements arranged on the conveying path in a string in a conveying width direction, and an identifying module (35) to identify the paper sheet on the basis of a binary image (B) produced by the line sensor by reading the paper sheet, the direction of arranging the sensor elements is inclined with respect to the conveying width direction of the conveying path.

IPC 8 full level

G07D 7/00 (2016.01); **G07D 7/0047** (2016.01); **G07D 7/12** (2016.01); **G07D 7/16** (2016.01)

CPC (source: EP KR US)

G07D 7/12 (2013.01 - EP KR US); **G07D 7/17** (2017.05 - EP US); **G07D 11/22** (2019.01 - KR); **G07D 11/225** (2019.01 - KR); **G07F 19/201** (2013.01 - KR); **G07D 2207/00** (2013.01 - KR); **G07D 2211/00** (2013.01 - KR)

Citation (search report)

- [A] US 4623975 A 19861118 - KAGAMI TOMIO [JP]
- [A] DE 3918798 A1 19891214 - LAUREL BANK MACHINE CO [JP]

Cited by

EP3603045A4; US11089175B2; US11516359B2; WO2018175644A1; US11339019B2; US11134166B2; US11683434B2; US10951786B2; US11240392B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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EP 07010890 A 20070601; CN 200710105497 A 20070601; JP 2006154863 A 20060602; KR 20070053611 A 20070601; TW 96115605 A 20070502; US 75577707 A 20070531