

Title (en)
SHEET RECOGNITION UNIT, SHEET HANDLING DEVICE, AND SHEET RECOGNITION METHOD

Title (de)
BOGENERKENNUNGSEINHEIT, BOGENHANDHABUNGSVORRICHTUNG UND BOGENERKENNUNGSVERFAHREN

Title (fr)
UNITÉ DE RECONNAISSANCE DE FEUILLES, DISPOSITIF DE MANIPULATION DE FEUILLES ET PROCÉDÉ DE RECONNAISSANCE DE FEUILLES

Publication
EP 3965079 A1 20220309 (EN)

Application
EP 21194570 A 20210902

Priority
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Abstract (en)
Provided are a sheet recognition unit, a sheet handling device, and a sheet recognition method which can detect a security element having both an optical variable feature and a magnetic feature. The sheet recognition unit is for recognizing a sheet with a security element having an optical variable feature and a magnetic feature. The sheet recognition unit includes: an optical sensor configured to detect optical information of a sheet; a magnetic sensor configured to detect magnetic information of a sheet; and a determination unit configured to determine whether or not an optical variable feature and a magnetic feature are present in the same region of a sheet based on optical information of the sheet detected by the optical sensor and magnetic information of the sheet detected by the magnetic sensor.

IPC 8 full level
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CPC (source: EP)
G07D 7/003 (2017.05); **G07D 7/04** (2013.01); **G07D 7/121** (2013.01)

Citation (applicant)
• WO 2004023402 A1 20040318 - FUJITSU LTD [JP], et al
• JP 2017151654 A 20170831 - GLORY KOGYO KK

Citation (search report)
• [XII] US 2005110209 A1 20050526 - MUKAI MASANORI [JP]
• [I] EP 2983142 A1 20160210 - MITSUBISHI ELECTRIC CORP [JP]
• [I] EP 1903513 A1 20080326 - CUMMINS ALLISON CORP [US]
• [XII] WO 2020173693 A1 20200903 - SICPA HOLDING SA [CH]
• [A] EP 2620920 A1 20130731 - GRG BANKING EQUIPMENT CO LTD [CN]
• [A] EP 2482256 A1 20120801 - GLORY KOGYO KK [JP]
• [A] US 2014210200 A1 20140731 - BORNSCHLEGL ALEXANDER [DE], et al

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3965079 A1 20220309; JP 2022045035 A 20220318; JP 7496744 B2 20240607

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