

Title (en)

BANKNOTE RECOGNITION UNIT, BANKNOTE HANDLING DEVICE, AND BANKNOTE RECOGNITION METHOD

Title (de)

BANKNOTENERKENNUNGSEINHEIT, BANKNOTENHANDHABUNGSVORRICHTUNG UND BANKNOTENERKENNUNGSVERFAHREN

Title (fr)

UNITÉ DE RECONNAISSANCE DE BILLETS DE BANQUE, DISPOSITIF DE MANIPULATION DE BILLETS DE BANQUE ET PROCÉDÉ DE RECONNAISSANCE DE BILLETS DE BANQUE

Publication

**EP 3723054 B1 20220713 (EN)**

Application

**EP 20165227 A 20200324**

Priority

JP 2019060934 A 20190327

Abstract (en)

[origin: EP3723054A1] The present invention provides a banknote recognition unit capable of reducing misdetermination of a soiled note as a counterfeit note, a banknote handling device, and a banknote recognition method. The banknote recognition unit includes a first determination unit that compares an infrared reflection image and a first reference data set to determine whether the infrared reflection image includes an abnormal area that is outside a tolerance relative to the first reference data set, a second determination unit that compares a determination target area, corresponding to the abnormal area, of an infrared transmission image with a second reference data set to determine whether the determination target area is within a tolerance relative to the second reference data set, and a main determination unit that executes authenticity determination processing on an area at least excluding the abnormal area of the infrared reflection image when the determination target area is within the tolerance.

IPC 8 full level

**G07D 7/12** (2016.01); **G07D 7/185** (2016.01); **G07D 7/187** (2016.01); **G07D 7/20** (2016.01)

CPC (source: CN EP)

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