

Title (en)

IMAGE ACQUISITION DEVICE, SHEET HANDLING DEVICE, BANKNOTE HANDLING DEVICE, AND IMAGE ACQUISITION METHOD

Title (de)

BILDERFASSUNGSVORRICHTUNG, BLATTHANDHABUNGSVORRICHTUNG, BANKNOTENHANDHABUNGSVORRICHTUNG UND BILDERFASSUNGSVERFAHREN

Title (fr)

DISPOSITIF D'ACQUISITION D'IMAGES, DISPOSITIF DE MANIPULATION DE FEUILLES, DISPOSITIF DE MANIPULATION DE BILLETS DE BANQUE ET PROCÉDÉ D'ACQUISITION D'IMAGES

Publication

**EP 3680867 B1 20220504 (EN)**

Application

**EP 20150651 A 20200108**

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Abstract (en)

[origin: EP3680867A1] The present invention provides an image acquisition device, a sheet handling device, a banknote handling device, and an image acquisition method enabling acquisition of an image from which a feature of a sheet is detectable in an opaque portion and an image from which a feature of the sheet is detectable in a transparent portion. The image acquisition device includes a light receiving unit and an image generating unit. The light receiving unit receives a first transmitted light generated by transmission of a first emitted light having a first quantity of light through a sheet to output a first image signal and receives a second transmitted light generated by transmission of a second emitted light having a second quantity of light through the sheet to output a second image signal. The image generating unit generates a first transmission image from the first image signal and generates a second transmission image from the second image signal. The second quantity of light is set to be smaller than the first quantity of light.

IPC 8 full level

**G07D 7/12** (2016.01); **G07D 7/1205** (2016.01)

CPC (source: EP)

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Citation (examination)

HOLDING LUMILED: "DS68 LUXEON Rebel Color Line Product Datasheet", 6 November 2017 (2017-11-06), pages 1 - 29, XP055755114, Retrieved from the Internet <URL:<https://www.lumileds.com/wp-content/uploads/files/DS68.pdf>> [retrieved on 20201130]

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