Title (en)

METHOD AND APPARATUS FOR CALIBRATING A CAMERA AND CAMERA

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KALIBRIEREN EINER KAMERA UND KAMERA

Title (fr)

PROCÉDÉ ET DISPOSITIF D'ÉTALONNAGE D'UNE CAMÉRA ET CAMÉRA

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2022122241A1] The invention relates to a method for calibrating a camera (100), comprising reading in a camera raw image (115), the camera raw image (115) having a plurality of pixels, each pixel having a grey value consisting of a plurality of grey values. A first amount of grey values of the pixels above a maximum grey threshold value (MaT) is compared to a first frequency (UbP). A current gain (135) of the camera (100) is adjusted to a new gain (140) if the first amount exceeds the first frequency (UbP). A second amount of grey values of the pixels above a minimum grey threshold value (MiT) is compared to a second frequency (LbP) if the first amount does not exceed the first frequency (UbP). The current gain (135) and a current exposure (145) of the camera (100) are maintained if the second amount does not fall below the second frequency (LbP). The current exposure (145) is adjusted to a new exposure (150) if the second amount falls below the second frequency (LbP).

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