

Title (en)

METHOD AND PROCESSING DEVICE FOR PROCESSING MEASURED DATA OF AN IMAGE SENSOR

Title (de)

VERFAHREN UND VERARBEITUNGSEINRICHTUNG ZUM VERARBEITEN VON MESSDATEN EINES BILDSSENSORS

Title (fr)

SYSTÈME ET PROCÉDÉ DE TRAITEMENT POUR TRAITER LES DONNÉES MESURÉES D'UN CAPTEUR D'IMAGES

Publication

EP 3903478 A2 20211103 (DE)

Application

EP 19829496 A 20191217

Priority

- DE 102018222903 A 20181225
- EP 2019085555 W 20191217

Abstract (en)

[origin: WO2020136037A2] The invention relates to a method (1000) for processing measured data (310, 310') of an image sensor (115). The method (1000) comprises a step of reading (1010) measured data (310, 310') which were recorded by light sensors (510) in a vicinity of a reference position (500) on the image sensor (115), wherein the light sensors (510) are disposed around the reference position (500) on the image sensor (115), wherein furthermore weight values (340) are read, each of which are assigned to the measured data (310, 310') of the light sensors (510) in a vicinity of a reference position (500), wherein the weight values (340) for light sensors (510) disposed at an edge region (125) of the image sensor (115) differ from weight values (340) for light sensors (510) disposed in a central region (120) of the image sensor (115) and/or wherein the weight values (340) are dependent on a position of the light sensors (510) on the image sensor (115). Further, the method (1000) comprises a step of linking (1020) the measured data (310, 310') of the light sensors (510) to the assigned weight values (340) in order to obtain image data (350) for the reference position (500).

IPC 8 full level

H04N 5/357 (2011.01); **H04N 9/04** (2006.01)

CPC (source: EP US)

G06F 18/214 (2023.01 - US); **G06T 7/70** (2017.01 - US); **H04N 23/10** (2023.01 - EP); **H04N 23/71** (2023.01 - EP US); **H04N 25/61** (2023.01 - EP); **H04N 25/611** (2023.01 - EP); **G06T 2207/20081** (2013.01 - US)

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)

DE 102018222903 A1 20200625; CN 113475058 A 20211001; EP 3903478 A2 20211103; US 2022046157 A1 20220210; WO 2020136037 A2 20200702; WO 2020136037 A3 20200820

DOCDB simple family (application)

DE 102018222903 A 20181225; CN 201980093007 A 20191217; EP 19829496 A 20191217; EP 2019085555 W 20191217; US 201917417999 A 20191217