

Title (en)
IMAGE CAPTURING DEVICE

Title (de)
BILDAUFNAHMEGERÄT

Title (fr)
APPAREIL D'ENREGISTREMENT D'IMAGES

Publication
EP 4193588 A1 20230614 (DE)

Application
EP 21789730 A 20211008

Priority
• DE 102020126407 A 20201008
• EP 2021077842 W 20211008

Abstract (en)
[origin: WO2022074186A1] An image capturing device has an optoelectric image sensor, a position sensor, a graphical user output interface and an evaluation unit. The image sensor comprises an image data set which represents an image of a scene before the image sensor on an image surface of the image sensor. The position sensor detects a spatial position of the image surface relative to a reference direction and provides position data which specify both a pan angle and a tilt angle. The evaluation unit uses the position data to determine a projective transformation which, on the basis of the pan and the tilt, maps the image data set onto a projection surface tilted with respect to the image surface. The evaluation unit determines an image section in the projection plane for the image data set mapped onto the projection plane by means of the projective transformation and displays, in the graphical user output interface, the image section with at least one region of the imaged scene lying within the image section.

IPC 8 full level
G06T 7/70 (2017.01); **H04N 1/387** (2006.01); **H04N 5/262** (2006.01)

CPC (source: EP US)
G06T 5/80 (2024.01 - EP); **G06T 7/13** (2017.01 - US); **G06T 7/60** (2013.01 - US); **H04N 5/2628** (2013.01 - US); **H04N 5/272** (2013.01 - US); **H04N 23/631** (2023.01 - US); **H04N 23/635** (2023.01 - EP US); **H04N 23/80** (2023.01 - EP); **G06T 2200/24** (2013.01 - US); **G06T 2207/10016** (2013.01 - US); **G06T 2207/20092** (2013.01 - US); **H04N 1/387** (2013.01 - EP); **H04N 5/2628** (2013.01 - EP)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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KH MA MD TN

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