Title (en)
ANNOTATION OF TWO-DIMENSIONAL IMAGES

Title (de)
ANMERKUNG VON ZWEIDIMENSIONALEN BILDERN

Title (fr)
ANNOTATION D'IMAGES BIDIMENSIONNELLES

Publication
EP 4288941 A1 20231213 (EN)

Application
EP 22708359 A 20220126

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Abstract (en)
[origin: WO2022167298A1] Methods, systems, and apparatus, including computer programs encoded on a computer storage medium, for processing images that involves annotation of landmarks on two-dimensional images. In one aspect methods are performed by data processing apparatus for training a device for estimating the relative pose of an imaging device and an object in a two-dimensional image. The methods include identifying a 3D model of the object, identifying landmarks on the 3D model of the object, projecting the 3D model into a collection of two-dimensional images with knowledge of the location of the landmarks from the 3D model on the projection, and training a landmark-detection machine learning model to identify the landmarks in the collection of two-dimensional images. The landmark-detection machine learning model is part of a device for estimating the relative pose of an imaging device.

IPC 8 full level
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CPC (source: EP KR)
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See references of WO 2022167298A1

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KH MA MD TN

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