Title (en)
METHOD FOR CALCULATING A MEASURE OF QUALITY FOR EVALUATING AN OBJECT DETECTION ALGORITHM

Title (de)
VERFAHREN ZUR BERECHNUNG EINES QUALITÄTSMAßES ZUR BEWERTUNG EINES OBJEKTDETEKTIONSALGORITHMUS

Title (fr)
PROCÉDÉ DE CALCUL D'UNE MESURE DE QUALITÉ POUR ÉVALUER UN ALGORITHME DE DÉTECTION D'OBJET

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Application
EP 20800096 A 20201029

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Abstract (en)
[origin: WO2021104789A1] The invention describes a method for calculating a measure of quality of a computer-implemented object detection algorithm, which can be used in particular to enable the object detection algorithm for partially, highly or fully automated robots, said method comprising the following steps: • assigning (101) determined object detections to annotations, said object detections and/or annotations corresponding to bounding boxes; • determining (102) deviations, in particular distances, of the annotations from their assigned object detections; • calculating (103) the measure of quality of the object detection algorithm on the basis of the determined deviations, the measure of quality representing a probability that a deviation of an object detection from the annotation assigned to it falls below or exceeds a pre-defined threshold value.

IPC 8 full level
B60W 40/10 (2012.01); **G06K 9/62** (2022.01)

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Citation (search report)
See references of WO 2021104789A1

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