

Title (en)

METHOD AND DEVICE FOR CALIBRATING AN IMAGE SENSOR USING A REAL-TIME SYSTEM FOR FOLLOWING UP OBJECTS IN AN IMAGE SEQUENCE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KALIBRIERUNG EINES BILDSSENSORS MIT EINEM ECHT-ZEIT-SYSTEM ZUR VERFOLGUNG VON OBJEKTEN IN EINER BILDFOLGE

Title (fr)

PROCÉDÉ ET DISPOSITIF DE CALIBRATION D'UN CAPTEUR D'IMAGES UTILISANT UN SYSTÈME TEMPS RÉEL DE SUIVI D'OBJETS DANS UNE SÉQUENCE D'IMAGES

Publication

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Application

**EP 10734234 A 20100604**

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Abstract (en)

[origin: WO2010142897A2] The invention in particular relates to a computer method and to a device for estimating at least one intrinsic parameter of a camera from at least one image sequence. After identifying at least one representation of an object in an image of the sequence, the position of the object in the image is estimated (200). The representation of the object is then compared (220) with a representation of a model of said object, the representation of the model being predetermined on the basis of the estimated position. In response to said comparison, said at least one intrinsic parameter of said camera is estimated (235).

IPC 8 full level

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