

Title (en)
CAMERA SYSTEM FOR RECORDING AND TRACKING REMOTE MOVING OBJECTS

Title (de)
KAMERASYSTEM ZUR ERFASSUNG UND BAHNVERFOLGUNG VON IN GROSSER ENTFERNUNG BEFINDLICHEN BEWEGTEN OBJEKTEN

Title (fr)
SYSTÈME À CAMÉRA SERVANT À CAPTER DES OBJETS MOBILES SE TROUVANT À GRANDE DISTANCE ET À SUIVRE LEUR TRAJECTOIRE

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Application
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Abstract (en)
[origin: WO2012103874A1] The invention relates to a camera system for recording and tracking remote moving objects, which is provided with a camera (1) equipped with a camera optical system (2), and with a position-stabilising device (30) for the camera (1) and the camera optical system (2), wherein the camera is provided with a first image sensor (10) having associated therewith a first high-speed shutter (11); a second image sensor (12) having associated therewith a second high-speed shutter (13); wherein the camera optical system (2) comprises a device (20) consisting of optical elements for focussing incident radiation onto a radiation-sensitive surface of the first image sensor (10) and/or of the second image sensor (12) by means of at least one reflecting telescope arrangement (22) and at least one target tracking mirror arrangement (24), and is provided with a drive device (244) for at least one movable element of the target tracking mirror arrangement (24) and a control device (246) for the drive device (244), and wherein the device (20) consisting of optical elements comprises a first subassembly (26) consisting of optical elements having a first focal length (f1) associated with the first image sensor (10) and a second subassembly (28) consisting of optical elements having a second focal length (f2) associated with the second image sensor (12), the second focal length (f2) being shorter than the first focal length (f1).

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