

Title (en)

MONITORING OF OPTICAL DEFECTS IN AN IMAGE CAPTURE SYSTEM

Title (de)

ÜBERWACHUNG OPTISCHER DEFEKTE IN EINEM BILDAUFNAHMESYSTEM

Title (fr)

CONTROLE DE DEFAULTS OPTIQUES DANS UN SYSTEME DE CAPTURE D'IMAGES

Publication

**EP 2377306 A1 20111019 (FR)**

Application

**EP 10706293 A 20100111**

Priority

- FR 2010050034 W 20100111
- FR 0950192 A 20090114

Abstract (en)

[origin: WO2010081982A1] Method of monitoring an image capture system (1) comprising a sensor (C) comprising a plurality of photosensitive elements (Z1, Z2, Zn) and an optical device (L) for focusing the light emitted from a scene towards the sensor. This method comprises an obtaining (100) of respective responses of certain at least of the photosensitive elements (E1, E'1, P1, P2) of the sensor to an exposure of the image capture system to any scene (S), followed by a determination (200) of at least one deviation (?) between at least one quantity (G) deduced from the responses obtained and at least one reference quantity (Gref). These steps may be followed by an estimation (300) of an optical defect of the image capture system (1) on the basis of said deviation (?) determined and optionally by an implementation of an action able to at least partially compensate (400) the estimated optical defect.

IPC 8 full level

**H04N 5/217** (2011.01); **H04N 17/00** (2006.01)

CPC (source: EP US)

**H04N 17/002** (2013.01 - EP US); **H04N 23/81** (2023.01 - EP US)

Citation (search report)

See references of WO 2010081982A1

Citation (examination)

WO 2008152095 A1 20081218 - IEE SARL [LU], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**FR 2941067 A1 20100716; FR 2941067 B1 20111028; EP 2377306 A1 20111019; US 2011273569 A1 20111110; US 8634004 B2 20140121; WO 2010081982 A1 20100722**

DOCDB simple family (application)

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