

Title (en)

METHOD FOR TARGET DETECTION AND BAD PIXEL REPLACEMENT BY CONTROLLED CAMERA MOTION

Title (de)

VERFAHREN ZUR ZIELDETEKTION UND ZUM ERSATZ SCHLECHTER PIXEL DURCH GESTEUERTE KAMERABEWEGUNG

Title (fr)

PROCÉDÉ DE DÉTECTION DE CIBLE ET DE REMPLACEMENT DE PIXELS DÉFECTUEUX PAR MOUVEMENT COMMANDÉ DE CAMÉRA

Publication

**EP 3756341 A1 20201230 (EN)**

Application

**EP 18799611 A 20180221**

Priority

TR 2018050065 W 20180221

Abstract (en)

[origin: WO2019164464A1] A method for improving automatic target detection with replacement of bad pixels by using a controlled motion of the electro-optical systems. By utilizing the controlled motion of the optical system (i.e. the camera), two main improvements are achieved: the field of search is increased and bad/dead pixels on the camera sensor are detected assuming the values of these pixels do not change when the entire scene is in motion. The algorithm that is revealed with the method renders such systems resilient against bad pixels.

IPC 8 full level

**H04N 5/367** (2011.01); **F41G 7/22** (2006.01)

CPC (source: EP)

**H04N 25/683** (2023.01); **F41G 7/2253** (2013.01); **F41G 7/2293** (2013.01)

Citation (search report)

See references of WO 2019164464A1

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