

Title (en)

CORRECTION OF IMAGE DISTORTION IN IR IMAGING

Title (de)

KORREKTUR VON BILDVERZERRUNGEN IN DER IR-BILDGEBUNG

Title (fr)

CORRECTION DE DISTORSION D'IMAGE EN IMAGERIE IR

Publication

EP 2873229 A1 20150520 (EN)

Application

EP 13739655 A 20130716

Priority

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Abstract (en)

[origin: WO2014012946A1] There is disclosed a method, arrangement and computer program product for correcting distortion present in an image captured using an infrared (IR) arrangement, the method for an embodiment comprising: capturing a first image using a first imaging system comprised in said IR arrangement; and correcting image distortion of the first image based on a pre-determined distortion relationship. According to embodiments, the method may further comprise capturing a second image using a second imaging system comprised in said IR arrangement, wherein: said distortion relationship represents distortion caused by said first and/or second imaging systems of said IR arrangement; and said correcting of image distortion of the first image comprises correcting image distortion with relation to the second image based on said pre-determined distortion relationship, wherein the distortion relationship represents distortion caused by said first and/or second imaging systems.

IPC 8 full level

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Citation (examination)

- WO 0182593 A1 20011101 - US GOV SEC NAVY [US]
- AMOLINS ET AL: "Wavelet based image fusion techniques - An introduction, review and comparison", ISPRS JOURNAL OF PHOTOGRAMMETRY AND REMOTE SENSING, AMSTERDAM [U.A.] : ELSEVIER, AMSTERDAM, NL, vol. 62, no. 4, 1 September 2007 (2007-09-01), pages 249 - 263, XP022226474, ISSN: 0924-2716, DOI: 10.1016/J.ISPRSJPRS.2007.05.009
- See also references of WO 2014012946A1

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