

Title (en)

FACILITATING ANALYSIS AND INTERPRETATION OF ASSOCIATED VISIBLE LIGHT AND INFRARED (IR) IMAGE INFORMATION

Title (de)

VEREINFACHUNG DER ANALYSE UND INTERPRETATION VON MIT SICHTBAREM LICHT UND INFRAROTLICHT (IR) ASSOZIIERTEN BILDINFORMATIONEN

Title (fr)

ANALYSE ET INTERPRÉTATION DE LA FACILITATION DE LA LUMIÈRE VISIBLE ASSOCIÉE ET DES INFORMATIONS D'IMAGE INFRAROUGE (IR)

Publication

EP 2831812 A1 20150204 (EN)

Application

EP 13715175 A 20130328

Priority

- US 201261618001 P 20120330
- EP 2013056708 W 20130328

Abstract (en)

[origin: WO2013144298A1] There is provided for an embodiment a method for enabling improved analysis and interpretation of associated image data in an infrared (IR) image and a visible light (VL) image depicting a real world scene, captured using a thermography arrangement comprising an IR imaging system and a VL imaging system, the method comprising: capturing an IR image depicting the scene, having a first field of view (FOV); capturing a VL image depicting the scene, having a second FOV; processing at least one of the VL image and the IR image such that the FOV represented in the VL image substantially corresponds to the FOV represented in the IR image; associating the resulting IR and VL images to provide associated images; and enabling a user to access the associated images for display, wherein analysis and interpretation of the associated images, having image pair content, is intuitive as the resulting VL image and the resulting IR image after associating represent the same FOV.

IPC 8 full level

G06K 9/62 (2006.01); **H04N 5/33** (2006.01)

CPC (source: CN EP)

G06T 5/50 (2013.01 - CN EP); **H04N 23/11** (2023.01 - CN EP); **H04N 23/95** (2023.01 - CN EP); **G06T 2207/10048** (2013.01 - CN EP); **G06T 2207/20221** (2013.01 - CN EP)

Citation (examination)

US 2011262053 A1 20111027 - STRANDEMAR KATRIN [SE]

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2013144298 A1 20131003; CN 104364800 A 20150218; EP 2831812 A1 20150204

DOCDB simple family (application)

EP 2013056708 W 20130328; CN 201380028298 A 20130328; EP 13715175 A 20130328