

Title (en)
METHOD OF USING AN IMAGE SENSOR

Title (de)
VERFAHREN ZUR VERWENDUNG EINES BILDSSENSORS

Title (fr)
PROCEDE D'UTILISATION D'UN CAPTEUR D'IMAGE

Publication
EP 2649789 A1 20131016 (FR)

Application
EP 11801790 A 20111129

Priority
• FR 1004737 A 20101206
• FR 2011052813 W 20111129

Abstract (en)
[origin: WO2012076784A1] A method of using an image sensor onboard a satellite or an aircraft, comprises two simultaneous sequences of image capture. The first sequence corresponds to a capture of observation images, and the second sequence corresponds to a capture of images dedicated to the detection of a shifting of the observation images. The images dedicated to the detection of shifting are restricted to windows which are at least in part contained in a main window of the observation images. Furthermore, said images dedicated to the detection of shifting are captured at a frequency greater than a frequency of the observation images.

IPC 8 full level
H04N 5/232 (2006.01); **H04N 5/343** (2011.01)

CPC (source: EP US)
H04N 23/13 (2023.01 - US); **H04N 23/68** (2023.01 - EP US); **H04N 23/6811** (2023.01 - EP US); **H04N 25/42** (2023.01 - EP US)

Citation (search report)
See references of WO 2012076784A1

Citation (examination)
• PETER MCGREGOR ET AL: "Gemini South Adaptive Optics Imager (GSAOI)", PROCEEDINGS OF SPIE, vol. 5492, 30 September 2004 (2004-09-30), 1000 20th St. Bellingham WA 98225-6705 USA, pages 1033, XP055532137, ISSN: 0277-786X, ISBN: 978-1-5106-2099-5, DOI: 10.1117/12.550288
• BERNARD J RAUSCHER ET AL: "Detectors for the James Webb Space Telescope Near-Infrared Spectrograph I: Readout Mode, Noise Model, and Calibration Considerations", 15 June 2007 (2007-06-15), XP055532128, Retrieved from the Internet <URL:https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/20040171843.pdf> [retrieved on 20181210], DOI: 10.1086/520887
• LESTER J. KOZLOWSKI ET AL: "Visible and infrared detectors at Rockwell Science Center", PROCEEDINGS OF SPIE, vol. 4008, 16 August 2000 (2000-08-16), 1000 20th St. Bellingham WA 98225-6705 USA, pages 1240, XP055532165, ISSN: 0277-786X, ISBN: 978-1-5106-2099-5, DOI: 10.1117/12.395443

Designated contracting state (EPC)
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FR 2968499 A1 20120608; **FR 2968499 B1 20130614**; EP 2649789 A1 20131016; US 2013258106 A1 20131003; WO 2012076784 A1 20120614

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