

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  
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• 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  
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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

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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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