

Title (en)
SELF-CALIBRATED, REMOTE IMAGING AND DATA PROCESSING SYSTEM

Title (de)
SELBSTKALIBRIERENDES FERNABBILDUNGS- UND DATENVERARBEITUNGSSYSTEM

Title (fr)
SYSTÈME DE TRAITEMENT DE DONNÉES ET D'IMAGERIE DISTANT ET AUTO-CALIBRÉ

Publication
EP 2558953 A1 20130220 (EN)

Application
EP 11862219 A 20110331

Priority
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• US 2011000575 W 20110331

Abstract (en)
[origin: WO2012134419A1] An imaging sensor system comprising: a rigid mount plate affixed to a vehicle; a first rigid mount unit affixed to the mount plate and having at least two imaging sensors disposed within the first mount unit, wherein a first imaging and a second imaging sensor each has a focal axis passing through an aperture in the first mount unit and the mount plate, wherein the first and second imaging sensor each generates a first array of pixels, wherein each array of pixels is at least two dimensional, wherein the first and second imaging sensors are offset to have a first image overlap area in the target area, wherein the first sensors image data bisects the second sensors image data in the first image overlap area.

IPC 8 full level
G01C 11/02 (2006.01); **G01S 7/497** (2006.01); **G01S 17/86** (2020.01); **G06F 17/00** (2006.01); **G06T 17/05** (2011.01); **H04N 5/349** (2011.01); **G01S 17/89** (2020.01)

CPC (source: EP US)
G01C 11/02 (2013.01 - EP); **G01S 17/86** (2020.01 - EP); **G06T 17/05** (2013.01 - EP US); **H04N 23/45** (2023.01 - EP); **H04N 23/58** (2023.01 - EP); **H04N 23/698** (2023.01 - EP); **G01S 7/4972** (2013.01 - EP); **G01S 17/89** (2013.01 - EP US)

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