

Title (en)

REMOTE SURVEILLANCE SENSOR APPARATUS

Title (de)

FERNÜBERWACHUNGSSENSOR

Title (fr)

APPAREIL DE CAPTEUR DE SURVEILLANCE À DISTANCE

Publication

**EP 2912835 A1 20150902 (EN)**

Application

**EP 13849824 A 20131022**

Priority

- US 201261717130 P 20121023
- US 201313801649 A 20130313
- US 201313801627 A 20130313
- US 201313801558 A 20130313
- US 2013066205 W 20131022

Abstract (en)

[origin: WO2014066405A1] In a surveillance system including a remote sensor apparatus and a portable receiver, a method is provided for collecting and processing data related to a surrounding environment of the remote sensor apparatus including image data for a scene external to the housing of the apparatus. The method includes receiving, at the processing unit, raw image data simultaneously from a plurality of image sensors as the raw image data is being captured by the plurality of image sensors. One or more light sources are placed around a wide-angle lens fitted to each of the image sensor. Infrared or near- infrared light emanating from the plurality of light sources is used in a dark environment. The method also includes processing, at the processing unit, the simultaneously received raw image data to generate pre-processed image data. The method further includes transmitting the pre-processed image data to the portable receiver using the wireless transceiver.

IPC 8 full level

**H04N 5/225** (2006.01); **F42B 12/46** (2006.01); **G03B 17/02** (2006.01); **G03B 37/02** (2006.01)

CPC (source: EP)

**G03B 37/04** (2013.01); **G08B 13/19621** (2013.01); **G08B 13/1966** (2013.01); **H04N 23/20** (2023.01); **H04N 23/56** (2023.01); **H04N 23/66** (2023.01); **H04N 23/698** (2023.01)

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 2014066405 A1 20140501**; EP 2912835 A1 20150902; EP 2912835 A4 20161019

DOCDB simple family (application)

**US 2013066205 W 20131022**; EP 13849824 A 20131022