

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  

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- US 201313801558 A 20130313
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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  
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