

Title (en)
METHOD FOR ACQUIRING MULTISPECTRAL IMAGES AND PANCHROMATIC THUMBNAIL IMAGES

Title (de)
VERFAHREN ZUR ERFASSUNG MULTISPEKTRALER BILDER UND PANCHROMATISCHER MINIATURBILDER

Title (fr)
PROCEDE POUR L'ACQUISITION D'IMAGES MULTISPECTRALES ET D'IMAGETTES PANCHROMATIQUES

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Application
EP 22786325 A 20220914

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Abstract (en)
[origin: CA3231635A1] A method for acquiring multispectral images and panchromatic thumbnail images by means of a matrix-array sensor installed in a carrier travelling above a scene and covered with a filter having a panchromatic filtering band followed by at least two spectral filtering bands, the panchromatic and spectral filtering bands being parallel and extending in a direction that is substantially orthogonal to the movement of the carrier, the method comprising the following steps: a. as soon as the scene is within one of the filtering bands of the filter, acquiring a multispectral image at least through the two spectral filtering bands; b. transferring the multispectral image; c. acquiring a panchromatic thumbnail image only through the panchromatic filtering band; d. transferring the panchromatic thumbnail image; e. as long as the scene is not within another of the filtering bands, repeating steps c) and d); and f. repeating steps a) to e) until a multispectral image of the scene through each filtering band is obtained. An acquisition device and a vehicle using said method.

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