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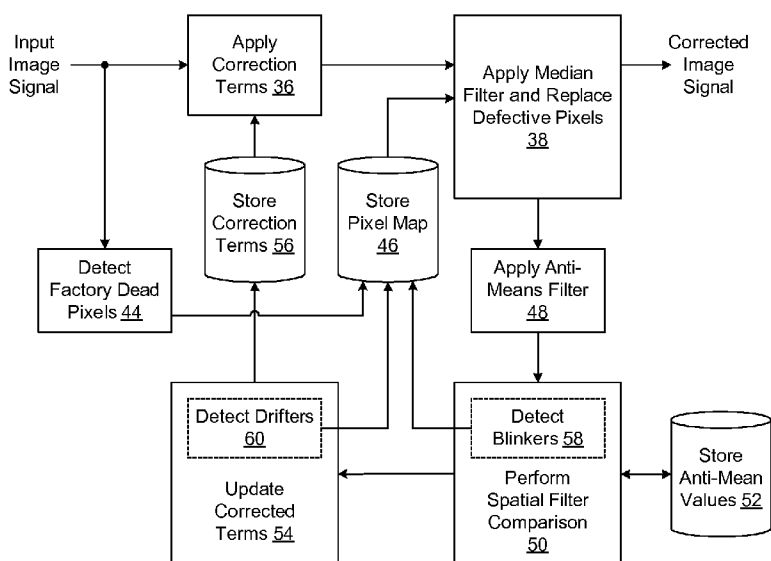
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(54) **Title:** SYSTEM AND METHOD FOR ADAPTIVE NON-UNIFORMITY COMPENSATION FOR A FOCAL PLANE ARRAY



(57) **Abstract:** A method of reducing an amount of fixed pattern noise from an image signal generated by an image sensor (12). The method includes, for each operational pixel in the image signal, applying a recursively updated offset term to generate a corrected image signal. The offset correction terms are recursively updated by spatially filtering the corrected image signal for a current frame of the image signal; comparing the filtered corrected image signal of the current frame with a spatially filtered corrected image signal of a preceding frame of the image signal; and updating the offset correction terms with terms generated as a function of the comparison.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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Minimum documentation searched (classification system followed by classification symbols)
H04N G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 909 428 B (RAYTHEON CO [US]) 25 July 2001 (2001-07-25) paragraphs [0001], [0005], [0008], [0010] - [0012], [0021] - [0025], [0027], [0028]; figures 3-5, 11-14	1, 2, 7-10
Y		1, 4-6, 10
X	WO 00/79782 A (RAYTHEON CO [US]) 28 December 2000 (2000-12-28) page 8; figures 4-7 page 9, line 14 page 17, line 23 - page 18, line 12 ----- -/-	1, 4, 5, 8-10

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

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