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(54) **IMAGE SIGNAL PROCESSOR PROCESSING
IMAGE DATA HAVING NON-BAYER
PATTERN AND IMAGE PROCESSING
DEVICE INCLUDING SAME**

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ABSTRACT

An image processing device includes; an image sensor including pixels arranged in a non-Bayer pattern and configured to generate non-Bayer pattern image data in response to electrical signals generated by the pixels, and an image signal processor configured to determine an indexing value indicating a color of a target pixel among the pixels and directly process the non-Bayer pattern image data in response to the indexing value.

