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Liu

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(54) **IMAGE CAPTURE DEVICE AND OPERATION METHOD THEREOF**

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(58) **Field of Classification Search**
None
See application file for complete search history.

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(57) **ABSTRACT**

An operation method of an image capture device includes steps as follows. The MEMS driver is controlled through the field programmable gate array (FPGA) independently to adjust at least one micro electro mechanical system (MEMS) scanning mirror of the optical system; at least one digital signal provided by the linear image sensor module is processed through the FPGA directly so as to obtain at least one image data.

13 Claims, 9 Drawing Sheets

