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(54) **FOLDABLE DISPLAY AND IMAGE PROCESSING METHOD THEREOF**

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See application file for complete search history.

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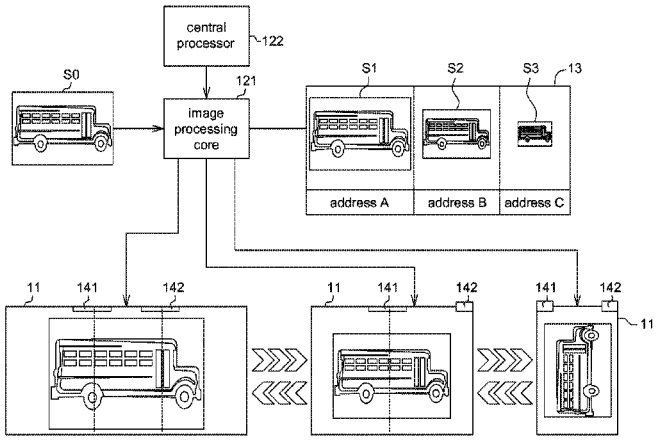
(57) **ABSTRACT**

A foldable display and an image processing method thereof are disclosed. The foldable display comprises a display module, a memory, a sensor module, and a processing unit. The sensor module senses a bending state of the display module. The processing unit generates adjusted images according to an image signal, and stores those adjusted images to a plurality of memory addresses of the memory. The processing unit selects a reading address from those memory addresses according the bending state. The processing unit selects a corresponding adjusted image from the memory according to the reading address and outputs the corresponding adjusted image to the display module.

20 Claims, 8 Drawing Sheets