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(54) **INTRA-FRAME INTERPOLATION BASED LINE-BY-LINE TUNING FOR ELECTRONIC DISPLAYS**

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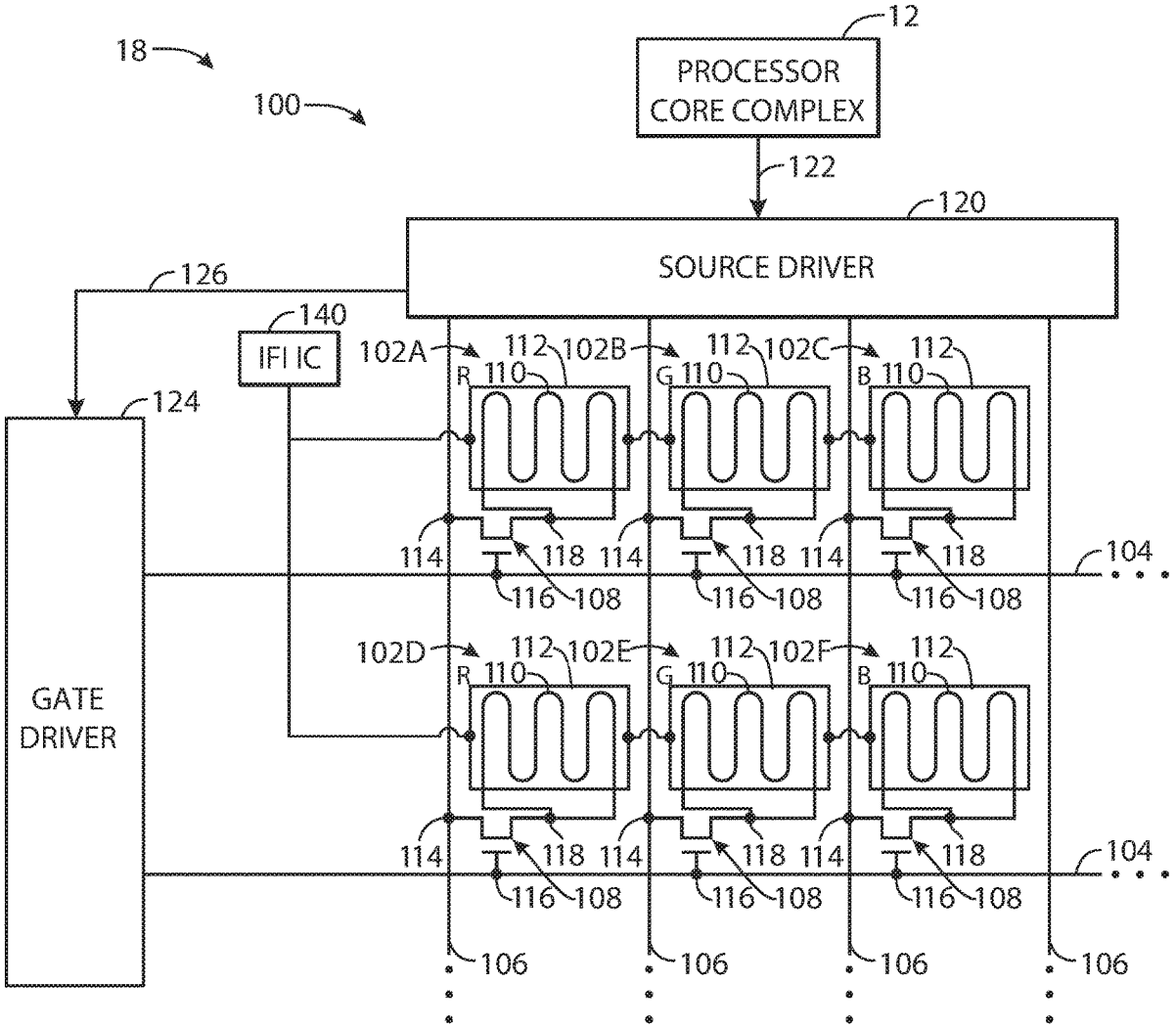
(57) **ABSTRACT**

A system includes processing circuitry configured to determine a plurality of line-specific common voltage (Vcom) values for a plurality of common electrodes of an electronic display. Each of the plurality of line-specific Vcom values is associated with a line of pixels of a plurality of lines of pixels of the electronic display. Additionally, the processing circuitry is configured to cause the plurality of line-specific Vcom values to be provided to the plurality of lines of pixels.