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G05F 1/44 (2006.01)
- (52) **U.S. Cl.** **323/282**
- (58) **Field of Classification Search** 323/265–268,
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- See application file for complete search history.

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- (57) **ABSTRACT**

A circuit and method for operating a circuit is provided that includes a circuit section that has a number of memory elements, a first voltage regulator that can be connected or is connected to the circuit section in order to operate the circuit section, a second voltage regulator that can be connected or is connected to the circuit section in order to preserve an information item stored in the memory elements, a switching device that is connected to the circuit section and is designed to deactivate and activate inputs of the circuit section. The circuit being configured to control a deactivation and activation of the first voltage regulator and the deactivation and activation of the inputs of the circuit section.

19 Claims, 4 Drawing Sheets

