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(54) **INFLEXIBLE VOLTAGE REFERENCE  
CIRCUIT CARD, AND METHOD FOR  
MANUFACTURING AN INFLEXIBLE  
VOLTAGE REFERENCE CIRCUIT CARD**

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(57) **ABSTRACT**

Voltage reference circuits may be sensitive to thermal changes in their surroundings and to effects made by humidity, and external forces, vibrations, and other effects. A rigid planar circuit structure has a voltage reference circuit on either side and a temperature sensor on another side of the rigid circuit board. The arrangement includes two flexible connectors, such as flexible circuit boards or flexible flat cables. These can be relatively short in their length. Ceramic materials can be used as a base material in the rigid circuit board, such as alumina. The arrangement enables obtaining accurate outputs from the voltage reference circuit because notable thermal gradients will not be present around sensitive parts of the circuitry.

