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Thomsen

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[54] **VOLTAGE COMPENSATED OSCILLATOR AND METHOD THEREFOR**

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[52] **U.S. Cl.** **331/111**; 331/57; 331/143; 331/173; 331/175

[58] **Field of Search** 331/111, 143, 331/173, 175, 57

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[57] **ABSTRACT**

A voltage compensated oscillator circuit having a resistor capacitor (RC) circuit for setting a frequency of oscillation for the oscillator circuit. A switching circuit with hysterisis is coupled to the RC circuit for providing upper and lower threshold limits. The upper and lower threshold limits being used for controlling the direction of switching of the oscillator circuit. By adjusting the upper and lower threshold limits, one may compensate for voltage signal fluctuations so that the frequency of oscillation will not change due to power supply voltage fluctuations.

5 Claims, 1 Drawing Sheet

