## United States Patent [19]

## Di Giulio

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[54]	MONITORING SYSTEM FOR VERIFYING THAT AN INPUT SIGNAL IS TOGGLING AT A MINIMUM FREQUENCY		
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[51] [52]			
[58]		A, 200 B, 269, 271, 527, 578; 328/120, 140, 63, 109, 129.1, 72	
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## [57] ABSTRACT

A monitoring system for verifying that an input signal is toggling at a minimum frequency includes an edge detector to provide an output signal in response to a transition in the state of an input signal. The output signal is used to reset a resettable clock. In the event that the output signal is not received during a first reset period a first signal is generated and if there is no output within a second succeeding reset period, a second signal is generated.

## 31 Claims, 2 Drawing Figures

