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(54) Title: THROTTLING MEMORY IN A COMPUTER SYSTEM

(57) Abstract: Systems and methods of managing memory devices provide for reduced power consumption and better thermal management through enhanced memory throttling. In one embodiment a memory unit includes a memory device and a temperature measurement module coupled to the memory device. The temperature measurement device measures the internal temperature of the memory device. Memory throttling can therefore be implemented based on more accurate measurements and with a much shorter response time.



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