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(19) **United States**(12) **Patent Application Publication****Tunks et al.**(10) **Pub. No.: US 2023/0232593 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **METHOD AND SYSTEM FOR THERMAL EXCURSION MONITOR AND CONTROL****G06F 1/3206** (2006.01)**G06F 1/3287** (2006.01)(71) Applicant: **Dell Products L.P.**, Round Rock, TX (US)(52) **U.S. Cl.**CPC **H05K 7/207** (2013.01); **H05K 7/1492** (2013.01); **G06F 1/3206** (2013.01); **G06F 1/3287** (2013.01)(72) Inventors: **Eric Michael Tunks**, Austin, TX (US);
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A computing device includes a thermal excursion detection unit and a power supply unit. The thermal excursion detection unit is configured to monitor a temperature of an internal volume of the computing device and to control the operation of the power supply unit. The power supply unit is configured to provide power to hardware components in the computing device and the power supply unit only provides power to the hardware components when the thermal excursion detection unit permits.

