



US 20230232573A1

(19) **United States**
(12) **Patent Application Publication** (10) **Pub. No.: US 2023/0232573 A1**
Ju (43) **Pub. Date: Jul. 20, 2023**

(54) **ELECTRONIC APPARATUS, DYNAMIC CONTROL HEAT DISSIPATION METHOD AND DYNAMIC HEAT DISSIPATION CONTROL SYSTEM**

Publication Classification

(51) **Int. Cl.**
H05K 7/20 (2006.01)
(52) **U.S. Cl.**
CPC **H05K 7/20209** (2013.01);
H05K 7/20281 (2013.01)

(71) Applicant: **Wistron Corporation**, New Taipei City (TW)

(72) Inventor: **Yu-Tang Ju**, New Taipei City (TW)

(73) Assignee: **Wistron Corporation**, New Taipei City (TW)

(21) Appl. No.: **17/723,441**

(22) Filed: **Apr. 18, 2022**

(30) **Foreign Application Priority Data**

Jan. 18, 2022 (TW) 111102044

(57) **ABSTRACT**

Provided is an electronic apparatus, including a heat generating element, a heat dissipation module, and a control unit. The heat dissipation module is adapted for performing heat dissipation on the heat generating element. The control unit is coupled to the heat dissipation module and is adapted for measuring temperature variation of at least one temperature module and state variation of at least one system component and for adjusting the heat dissipation module via a control signal based on the state variation and the temperature variation. In addition, a dynamic heat dissipation control method and a dynamic heat dissipation control system are also provided.

