

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2022/0361361 A1 KATOU et al.

Nov. 10, 2022

(43) **Pub. Date:**

(54) ELECTRONIC APPARATUS

(71) Applicant: Mitsubishi Electric Corporation,

Tokyo (JP)

(72) Inventors: Daisuke KATOU, Tokyo (JP); Keisuke

TAKAHASHI, Tokyo (JP); Yoshio OKINISHI, Tokyo (JP); Hiroyuki

NAKANO, Tokyo (JP)

(73) Assignee: Mitsubishi Electric Corporation,

Tokyo (JP)

(21) Appl. No.: 17/633,217

(22) PCT Filed: Oct. 4, 2019

(86) PCT No.: PCT/JP2019/039306

§ 371 (c)(1),

Feb. 7, 2022 (2) Date:

Publication Classification

(51) Int. Cl. H05K 7/20 (2006.01)

U.S. Cl. (52)

CPC H05K 7/20136 (2013.01)

(57)**ABSTRACT**

An electronic apparatus includes: a board accommodating portion that accommodates a board in a horizontally placed state, the board accommodating portion provided inside a housing; an intake opening provided in a right side plate of the housing and communicating with the board accommodating portion; an exhaust opening provided in a rear plate of the housing; a cooling fan provided in such a way as to face the exhaust opening; and a backboard that is a partition between the board accommodating portion and a fan accommodating portion that accommodates the cooling fan, in which a left side portion and a right side portion of the backboard have a left side vent and a right side vent through which the board accommodating portion and the fan accommodating portion communicate with each other.

