



US 20220361346A1

(19) **United States**(12) **Patent Application Publication****Tang et al.**(10) **Pub. No.: US 2022/0361346 A1**(43) **Pub. Date: Nov. 10, 2022**(54) **ELECTRONIC DEVICE COVER AND
ELECTRONIC DEVICE COMPONENT****Publication Classification**

(51) **Int. Cl.**
H05K 5/02 (2006.01)

(52) **U.S. Cl.**
CPC **H05K 5/0213** (2013.01)

(71) Applicant: **Huawei Technologies Co., Ltd.**,
Shenzhen (CN)(72) Inventors: **Yinzhong Tang**, Dongguan (CN); **Na
Wang**, Chengdu (CN); **Shanjiu Chi**,
Dongguan (CN); **Zhengquan Wang**,
Chengdu (CN)(57) **ABSTRACT**(21) Appl. No.: **17/871,404**(22) Filed: **Jul. 22, 2022****Related U.S. Application Data**(63) Continuation of application No. PCT/CN2020/
142419, filed on Dec. 31, 2020.(30) **Foreign Application Priority Data**

Jan. 23, 2020 (CN) 202010076923.0
Feb. 12, 2020 (CN) 202010089378.9

An electronic device cover is configured to accommodate an electronic device. A first air intake window and a first air exhaust window are disposed on the electronic device cover. The first air intake window is configured to communicate with an air intake vent of the electronic device to form an air intake channel, and the first air exhaust window is configured to communicate with an air exhaust vent of the electronic device to form an air exhaust channel. An air return channel is disposed inside the electronic device, and the air return channel is configured to communicate the air exhaust channel and the air intake channel.

