



US 20220361366A1

(19) **United States**(12) **Patent Application Publication**
HSIEH et al.(10) **Pub. No.: US 2022/0361366 A1**(43) **Pub. Date: Nov. 10, 2022**(54) **TANK PROVIDING COOLING BY
IMMERSION, IMMERSION COOLING
DEVICE, AND IMMERSION COOLING
EQUIPMENT****Publication Classification**(51) **Int. Cl.**
H05K 7/20 (2006.01)(52) **U.S. Cl.**
CPC H05K 7/20236 (2013.01); **H05K 7/20763**
(2013.01)(71) Applicant: **Fulian Precision Electronics (Tianjin)
Co., LTD.**, Tianjin (CN)(72) Inventors: **CHUNG-CHENG HSIEH**, New Taipei
(TW); **CHANG-WEN CHI**, New
Taipei (TW); **CHIEH-CHEN CHEN**,
New Taipei (TW); **YI-YANG LIAO**,
Taipei City (TW); **YU-FENG CHIEN**,
Taipei City (TW); **JIA-HONG WU**,
New Taipei (TW)(57) **ABSTRACT**

An immersion cooling equipment includes an immersion cooling device, a heating component and a cooling liquid. The immersion cooling device includes a tank providing cooling by immersion and a liquid supply equipment. The tank providing cooling by immersion communicates with the liquid supply equipment and accommodates the heating component and the cooling liquid. The tank providing cooling by immersion includes a mounting bracket, a cooling box, and a sealing plate. The cooling box is positioned in the mounting bracket, the cooling box comprising a plurality of walls, the plurality of walls surround a reception space, the reception space comprising a first opening. The sealing plate is detachably connected or rotatably connected to the cooling box, and is used to close or reveal the first opening. Each the walls is made of thermoplastic plastic, and any two abutting walls are fixed by plastic welding.

(21) Appl. No.: **17/740,943**(22) Filed: **May 10, 2022**(30) **Foreign Application Priority Data**

May 10, 2021 (CN) 202110506604.3

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