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**Li et al.**(10) **Pub. No.: US 2023/0231225 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **THERMAL MANAGEMENT COMPONENT,  
BATTERY AND POWERED DEVICE**(52) **U.S. CL.**  
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**H01M 50/213** (2006.01)(57) **ABSTRACT**

A thermal management component, a battery, and a powered device are provided. The thermal management component includes: a set of first heat exchange surfaces, including a plurality of first heat exchange surfaces configured to cooperate with a plurality of outer battery units located on one side of the thermal management component for temperature regulation, each of the first heat exchange surfaces being configured to cooperate with one of the outer battery units for temperature regulation; and a set of second edge heat exchange surfaces, including a plurality of second edge heat exchange surfaces configured to cooperate with a plurality of intermediate battery units located on the other side of the thermal management component for temperature regulation, each of the second edge heat exchange surfaces being configured to cooperate with one of the intermediate battery units for temperature regulation.

