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(19) **United States**(12) **Patent Application Publication**
KIM et al.(10) **Pub. No.: US 2023/0231257 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **BATTERY PACK INCLUDING SURFACE
PRESSURE MAINTAINING STRUCTURE***H01M 50/242* (2006.01)*H01M 10/48* (2006.01)(71) Applicant: **SEOYON E-HWA CO., LTD.**, Anyang
(KR)(52) **U.S. Cl.**CPC *H01M 50/291* (2021.01); *H01M 50/204*
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10/482 (2013.01); *H01M 10/486* (2013.01)(72) Inventors: **Sung Su KIM**, Suwon (KR); **Sang**
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ABSTRACT

Provided is a battery pack including a surface pressure maintaining structure, which includes a battery cell and a surface pressure maintaining part that is disposed on one side of the battery cell and applies a surface pressure to the battery cell, wherein the surface pressure maintaining part includes a pair of inclination members that are arranged between the battery cells, move in a horizontal direction to press the battery cell, and have spaces therein, and an insertion member that is inserted between the pair of inclination members, allows the inclination members to slide, and has a space therein.

