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**KIM et al.**(10) **Pub. No.: US 2023/0231269 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **BATTERY MODULE INCLUDING PRESSURE  
DROP SHEET****Publication Classification**(71) Applicant: **SK On Co., Ltd.**, Seoul (KR)(72) Inventors: **Tae Il KIM**, Daejeon (KR); **Seo Roh  
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**ABSTRACT**

The present disclosure relates to a battery module including: a battery cell stack in which a plurality of battery cells are stacked; and a pressure drop sheet on one side of the battery cell stack, in which the pressure drop sheet includes: a ventilation layer including ceramic fiber; and a sacrificial layer on at least one face of the ventilation layer, the sacrificial layer is disposed in a direction facing the battery cell stack, and the pressure drop sheet exhibits gas permeability at a critical temperature.

