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(54) **VEHICLE AND BATTERY PACK**

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(71) Applicant: **PANASONIC INTELLECTUAL  
PROPERTY MANAGEMENT CO.,  
LTD.**, Osaka (JP)

(72) Inventors: **Katsuji TANIGUCHI**, Kanagawa (JP);  
**Yuki MAKITA**, Kanagawa (JP);  
**Yoshitoshi NODA**, Kanagawa (JP);  
**Atsushi SUEYOSHI**, Tokyo (JP)

(73) Assignee: **PANASONIC INTELLECTUAL  
PROPERTY MANAGEMENT CO.,  
LTD.**, Osaka (JP)

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(57) **ABSTRACT**

A battery pack includes a battery module group including a plurality of battery modules, a coolant layer configured to allow a coolant to circulate, and a refrigerant layer configured to allow a refrigerant to circulate. The coolant layer includes a first surface and a second surface opposite to the first surface. The refrigerant layer includes a third surface and a fourth surface opposite to the third surface. The first surface of the coolant layer is closer to the battery module group than the second surface of the coolant layer. The third surface of the refrigerant layer is closer to the battery module group than the fourth surface of the refrigerant layer. The battery module group is arranged along the first surface of the coolant layer. At least part of the coolant layer is arranged between the refrigerant layer and the battery module group in a plan view.

