

ABSTRACT

HEAT EXCHANGE PLATE, AND BATTERY ASSEMBLY AND VEHICLE HAVING SAME

5 Provided are a heat exchange plate (100), a battery assembly and a vehicle including same. The heat exchange plate (100) includes a heat exchange plate body (100) having a heat exchange surface (11). A cooling flow channel (13), and a water inlet (14) and a water outlet (15) that are in communication with the cooling flow channel (13) are formed in the heat exchange plate body (10). The cooling flow channel (13) includes a water inlet flow passage (131) in communication with the water inlet (14), a water outlet flow passage (132) in communication with the water outlet (15), and a plurality of branch flow passages (133). The water inlet flow passage (131) and/or the water outlet flow passage (132) is formed at an edge of the heat exchange plate body (10). Each branch flow passage (133) is connected to the water inlet flow passage (131) and the water outlet flow passage (132) and directly faces the heat exchange surface (11) to exchange heat with a battery pack.

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FIG. 1