

ABSTRACT

Disclosed in the present application is a cooling pipe structure, a liquid cooling plate, and a battery system, including: a cooling pipe set, in which the cooling pipe set comprises at least one cooling pipe, a flow direction of liquid in the cooling pipe is defined as a first direction, the cooling pipes are arranged in a tree-like structure from a side to an opposite side along the first direction, a side of the tree-like structure is a tree-like beginning, and an opposite side thereof is a tree-like end; a pipe inlet, in which the pipe inlet is in communication with a side of the tree-like beginning of the cooling pipe in the cooling pipe set; and a pipe outlet, in which the pipe outlet is in communication with a side of the tree-like end of the cooling pipe in the cooling pipe set.