

ABSTRACT

Examples of the disclosure relate to an immersed liquid cooling apparatus and a liquid cooling system. The immersed liquid cooling apparatus includes a cabinet, wherein the cabinet includes a cooling groove and a mounting groove integrated on an outer wall of the cooling groove, the cooling groove is used for accommodating an electronic device to be cooled and a first cooling liquid, the mounting groove is used for accommodating the first cooling liquid, and the cooling groove is in fluid communication with the mounting groove by means of a through hole; and a heat exchange module suitable for being inserted into the mounting groove, wherein the heat exchange module includes a cooling liquid circulation pipeline, a heat exchanger and a cooling liquid driving apparatus, the cooling liquid circulation pipeline is in fluid communication with the heat exchanger for providing a second cooling liquid for the heat exchanger, the heat exchanger is used for using the second cooling liquid inside the heat exchanger to cool the first cooling liquid outside the heat exchanger, and the cooling liquid driving apparatus is configured to circulate the first cooling liquid between the mounting groove and the cooling groove.