

Drinking water circulation device

Abstract

The present invention intends to provide a drinking water circulation device (2) for cold water consumption, which is compactly accommodable in a building, universally and easily connectable to different cooling devices, easy to operate and, in addition, little failure-prone and easy to install. This drinking water circulation device (2) comprises a heat exchanger for cooling the drinking water, a return connection (24) for feeding drinking water returned from a circulation pipe into the drinking water circulation device (2), a supply connection (26) for discharging the cooled drinking water from the drinking water circulation device (2), a drinking water circulation pump (10) provided between the return connection (24) and the supply connection (26), a buffer tank (4) for a cooling medium (22), a cooling medium pump (22) provided in a cooling medium flow path between the buffer tank (4) and the heat exchanger (6), a control device (12) for controlling the cooling medium pump (8) and a supply temperature sensor (56), which is associated with the supply and is data-connected to the control device (12).

Figure 1