Beverage Machine

ABSTRACT

A beverage machine is provided comprising a tank, a valve nozzle, a fluid mixing member, and a fluid mixing cap. The tank has an accommodating space and a gas input port in communication with the accommodating space. The valve nozzle is arranged at a bottom of the tank. The fluid mixing member includes a fluid mixing part, a first pipe, and a second pipe. The fluid mixing part and the first pipe are arranged in the accommodating space. The fluid mixing part is provided with a fluid mixing chamber having an opening. The first pipe at its top is in communication with the fluid mixing chamber, and at its bottom is provided with a liquid inlet in communication with the accommodating space. The second pipe is at least partially arranged in the accommodating space. The second pipe at its top is in communication with the fluid mixing chamber, and at its bottom is provided with a liquid outlet in communication with the valve nozzle. The fluid mixing cap is detachably connected to the fluid mixing part at the opening to cover the opening, and the fluid mixing cap is provided with a gas inlet orifice through which the accommodating space is in communication with the fluid mixing chamber. According to the beverage machine of the present invention, it is possible to regulate the gas injection volume and the degree of gas mixing by replacing the fluid mixing cap having the gas inlet orifice of different cross-sectional areas.

<Fig. 3>