

Title (en)
SYSTEM AND APPARATUS FOR CARBONATION OF A LIQUID

Title (de)
SYSTEM UND VORRICHTUNG ZUR KARBONISIERUNG EINER FLÜSSIGKEIT

Title (fr)
SYSTÈME ET APPAREIL POUR LA CARBONATATION D'UN LIQUIDE

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Abstract (en)
The present invention refers to a system comprising a removable container (100) and an apparatus (1) for carbonation of a liquid contained in the container such as a home soda machine. Further, the present invention refers to an apparatus (1), for example the apparatus used with said system, for carbonation of a liquid contained in a removable container (100). The container (100) comprises a container height between a bottom (101) and an opening, and the apparatus (1) is configured to hold the container (100) and comprises: a pressure supply unit (4) for providing pressurized gas, and a tube (7) connected to the pressure supply unit (4), wherein the tube (7) has an inner diameter, and wherein the tube (7) is at least partially received via the opening within the container (100) when the container (100) is held in the apparatus (1). Carbonation of a liquid may be improved in that a nozzle head (8) is provided connected to the tube (7) and comprising at least one nozzle outlet (17) for supplying the gas to the liquid inside the container (100), wherein a diameter of the at least one nozzle outlet (17) is smaller than the inner diameter of the tube (7), and wherein when the container (100) is held in the apparatus (1), the nozzle head (8) is located within the third of the container height nearer to the bottom (101) of the container (100).

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