

Title (en)
DEVICE FOR THE CARBONATING OF WATER

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Application
EP 85108250 A 19850703

Priority
DE 3430950 A 19840822

Abstract (en)
[origin: US4656933A] A water-carbonation system having a pressurized tank which is preferably cooled, a water supply and a CO₂ gas supply. The CO₂ gas supply has a pressure-reducing valve assembly in the supply line. The valve of this assembly is maintained in a closed position by the gas pressure in the tank. However, when this pressure falls below a predetermined limit, the valve will move to an open position to vent the tank to the atmosphere. A signal may be used in conjunction with the valve to notify an operator of the drop in pressure. The valve may also be manually operated to vent the tank. This water-carbonation system can be used in beverage dispensers in which the carbonized water is mixed with beverage concentrates to prepare a beverage that is ready for consumption.

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