

Title (en)
VALVE RING FOR A DOUBLE VALVE

Title (de)
VENTILRING FÜR EIN DOPPELVENTIL

Title (fr)
BAGUE DE SOUPAPE POUR DOUBLE SOUPAPE

Publication
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Application
EP 97949993 A 19971217

Priority
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Abstract (en)
[origin: WO9827003A1] A valve ring (2) is used in a double valve (1) for a pressure container (4) serving for distributing a liquid, e.g. beer, under pressure of a gas, e.g. CO₂. In open condition, the double valve has a gas passage (7) between a valve seat (8) in the valve and a valve face (9) in the valve ring, and a liquid passage (10) between a valve plug (11) and a valve-ring seat (12) in the centre opening (13) of the valve ring. The valve can be closed partly by pushing the valve face of the valve ring to abut on the valve seat under the influence of a first compression spring, partly by pushing the valve plug to abut on the valve-ring seat under the influence of a second compression spring. The valve ring comprises an elastomeric first ring (25) and a solid second ring (26) fixed on the outside of first ring along a part of the surface of this ring. The connection between the two rings is made sure by a purely mechanical engagement which, contrary to conventional valve ring surface joinings, is indifferent to the strong chemicals and high temperatures used in cleaning the container and its valve between each casking.

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