

Title (en)
VALVE FOR RELEASING PRESSURISED LIQUIDS

Title (de)
VENTIL FÜR DIE ABGABE VON UNTER DRUCK STEHENDEN FLÜSSIGKEITEN

Title (fr)
VALVE POUR LA DISTRIBUTION DE FLUIDES SOUS PRESSION

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Application
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Abstract (en)
[origin: DE19850146A1] The invention relates to a valve for releasing pressurised liquids, foams, gels or similar, comprising a valve body (15) which can be fixed in a liquid-tight manner on the edge of a lid opening configured in a lid for a container opening, a small release tube (13) which is mounted in said valve body (15) in such a way that it is axially displaceable (15), and which can be moved out of a closing position against the force of an elastic element, especially a helical pressure spring (21), and a ring seal (20) consisting of rubber or a similar elastic sealing material, which is located between the edge of the lid opening and the valve body (15) in such a way as to tightly encompass the release tube (13). In the closing position of the release tube (13) or valve, the ring seal closes a discharge channel (25) that is formed in the release tube (13) in a fluid-tight manner, the release tube (13) comprising an annular flange (27) with an annular projection (28) facing towards the ring seal (20), for producing a fluid seal between the ring seal (20) and the discharge channel (25) of the release tube (13). The fluid connection to the discharge channel (25) of the release tube (13) is formed by a passage (24) that is configured in the release tube (13) and which opens into the discharge channel (25) at the end of the same inside the container, the outer edge (29) of the passage (24) being truncated, especially rounded.

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