

Title (en)
VALVE FOR A MOUTHPIECE SEAL

Title (de)
VENTIL FÜR EINEN MUNDSTÜCKVERSCHLUSS

Title (fr)
VALVE POUR EMBOUT A OBTURATEUR

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Application
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Abstract (en)
[origin: WO2017051127A1] The present invention relates to a valve made up of a rigid end piece (1) that has at its centre a rod (11) of axis xx' and a flap (2). According to the invention, the valve is characterized in that said flap is in one piece and has a flexible wall (22) situated opposite a free end (111) of the rod (11), the flexible wall is perforated by an orifice (23) concentric with the end (111) of the rod (11), the orifice (23) has a contour substantially homothetic with that of the contour of the end (111) of the rod in a plane (P) perpendicular to the axis xx' of the rod, the orifice (23) has a surface below a projected surface of the end (111) of the rod (11) in the plane (P), the flap (2) is connected to the end piece (1) by a non-deformable fixed connection, the flexible wall (22) presses against the end (111) of the rod at any point of its surface in contact with said end (111), said pressing is obtained by elastic deformation of said flexible wall (12), said deformation resulting from the joining of the flap (2) and the end piece (1), and the flexible wall (22) is inscribed in a convex cone of revolution that is coaxial with the axis xx', the angle of the flexible wall (22) with the axis xx' being between 90° and 135°, preferably between 90° and 120° when said wall is pressing against the end (111) of the rod.

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