

Title (en)

CHECK VALVE FOR VENTING AN ENCLOSURE USING SURFACE TENSION BETWEEN DIFFERENT FLUIDS

Title (de)

RÜCKSCHLAGVENTIL ZUR ENTLÜFTUNG EINES RAUMES MITTELS OBERFLÄCHENSPIGELN VERSCHIEDENER FLUIDE

Title (fr)

CLAPET DE NON-RETOUR POUR AERATION D'UN RECIPIENT UTILISANT UNE TENSION SUPERFICIELLE ENTRE DIFFERENTS FLUIDES

Publication

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Application

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- AU PP036097 A 19971113
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- AU PP451498 A 19980707

Abstract (en)

[origin: WO926001A1] A valve (1) is described comprising a port (5) formed in a wall (6) associated with a first fluid-containing space. Port (5) communicates between an interior and an exterior of the container (2). It comprises a working space (7) adjacent the port (5), wherein the working space (7) diverges from the port (5) towards the interior. In use, a fluid interface (8), such as a meniscus, forms in the working space (7) which inhibits egress therethrough of a fluid stored within the container and which permits another fluid such as air to enter therethrough into the container. In other embodiments the port is provided in a closure of the container (particularly a nursing bottle) or in a wall of a conduit.

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