

Title (en)
FLOAT OPERATED VENTING VALVE.

Title (de)
SCHWIMMERGESTEUERTES ENTLÜFTUNGSVENTIL.

Title (fr)
VANNE DE PURGE ACTIONNEE PAR UN FLOTTEUR.

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Application
EP 92918681 A 19920722

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• SE 9102468 A 19910828

Abstract (en)
[origin: WO9305325A1] The invention is directed to an automatic, float-operated vent valve, especially intended for mounting in direct association with a radiator or a conduit in a hot water circulation system, having a housing (2) with a float chamber, at least one aperture (6) provided at the lower portion of the housing and intended for communication with the hot water circulation system and a vent orifice (13a) provided at the upper portion of the housing (2) and a float (4) guided in the float chamber (3), said float (4) at its upper side being provided with a seal member (18) for co-operation with the vent orifice which is provided in a projection (12) protruding downwardly into the float housing. In accordance with the invention the seal member (18) is provided with an upper substantially flat seal surface (18a) cooperating with the lower end of the projection (12) and thus with the vent orifice (13a), whereby the seal surface (18a), at least in the position of the float (4) causing cooperation between the seal surface (18a) and the lower end of the projection (12), is provided inclined at an angle (α) relative to the lower end of the projection.

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