

Title (en)

Pressure control device with a pump mounted in the fluid chamber

Title (de)

Druckhaltevorrichtung mit innerhalb einer Flüssigkeitsaufnahmekammer angeordneter Pumpe

Title (fr)

Dispositif de maintien de pression avec pompe rangée dans la chambre d'eau

Publication

EP 0945686 A3 20010912 (DE)

Application

EP 99810054 A 19990125

Priority

CH 69698 A 19980324

Abstract (en)

[origin: EP0945686A2] The pressurizer has an expansion tank (1) having a liquid-container chamber connected via a connecting pipe (3) to a heating or cooling circuit. An overflow valve (5) is positioned on an overflow pipe (4) leading to the chamber. The overflow pipe branches off from the connecting pipe or is connected to the heating or cooling circuit. A pump (6) pumps liquid from the chamber into the connecting pipe, and is situated inside the chamber which is formed by an extensible bubble (2) or is defined by a membrane in the expansion tank.

IPC 1-7

F24D 3/10

IPC 8 full level

F24D 3/10 (2006.01)

CPC (source: EP)

F24D 3/1008 (2013.01); **F24D 3/1016** (2013.01)

Citation (search report)

- [X] DE 9210413 U1 19920924
- [A] DE 4407936 A1 19940915 - STUECKLIN & CIE AG [CH]
- [A] US 3202356 A 19650824 - GARDNER DONALD B, et al
- [E] EP 0937947 A2 19990825 - STUECKLIN & CIE AG [CH]

Cited by

NL1036252C2; WO2011120957A1; WO2009131450A3

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DOCDB simple family (publication)

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