

Title (en)

DEVICE FOR PRESSURE COMPENSATION IN HEATING INSTALLATIONS OR THE LIKE

Publication

EP 0195335 A3 19861210 (DE)

Application

EP 86103132 A 19860308

Priority

AT 74685 A 19850314

Abstract (en)

[origin: EP0195335A2] In the device, a compensation container is provided, in the interior of which there is a bladder (11). Excess water can be conducted out of the system into the bladder via pipes (15, 16). In the event of low pressure, water comes out of the compensation container via pipes (15, 17, 18) into the system. A spill valve (2) and a pump (4) are provided. In the event of excess pressure in the system, the spill valve (2) opens and lets water into the compensation container (14). If there is low pressure in the system, a manometric switch (3) switches the pump (4) on, which pumps water out of the compensation container into the system. At the same time, a time pulse is initiated in the electronic control device (5) and causes the pump (4) to be switched off depending upon time rather than on pressure. <IMAGE>

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 2154900 A1 19720510
- [A] EP 0024771 A1 19810311 - CRAENENBROECK RAYMOND JEAN EMI
- [A] EP 0016316 A1 19801001 - WINKELMANN & PANNHOFF GMBH [DE]

Cited by

US2018340854A1; NL2029289B1; CN115585583A; NL1036252C2; GB2405702A; US10677674B2; US11293170B2; WO2009131450A3

Designated contracting state (EPC)

CH DE FR IT LI NL

DOCDB simple family (publication)

EP 0195335 A2 19860924; EP 0195335 A3 19861210; AT 381377 B 19861010; AT A74685 A 19860215

DOCDB simple family (application)

EP 86103132 A 19860308; AT 74685 A 19850314