

Title (en)
HOT-WATER HEATING SYSTEM

Publication
EP 0001826 B1 19800917 (DE)

Application
EP 78101267 A 19781031

Priority
DE 2750098 A 19771109

Abstract (en)
[origin: EP0001826A1] 1. Hot water heating plant comprising a hot water generator (10) including a heat source (12) designed to be energized electrically by means of a control circuit (50), comprising further a heating loop (34) including a forward duct (26), heaters (32) and a return duct (30), a temperature controlled heater valve (36) being provided at each one of said heaters (32) and being designed to adjust the flow rate of water through the respective heater as a function of room temperature and of respective set points as set at the respective heater valve (36), and comprising a circulation pump (24) interposed intermediate said hot water generator (10) and said forward duct (26) and means (40) responsive to the pressure difference existing between said forward duct (26) and said return duct (30), characterized in that the means (40) responsive to the pressure difference include a switch contact (46) designed to open when the pressure difference exceeds a predetermined response point value and that said switch contact (46) is connected to form a member of the control circuit (50) for the heat source (12).

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F24H 9/20; F24D 3/02

IPC 8 full level
F24D 19/10 (2006.01)

CPC (source: EP US)
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Cited by
EP0027827A1; EP0006554A1; EP0082669A3; EP0036068A3

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EP 0001826 A1 19790516; EP 0001826 B1 19800917; AT 374907 B 19840612; AT A767878 A 19831015; DE 2750098 A1 19790510; DE 2750098 C2 19860904

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