

Title (en)
HOT WATER HEATING PLANT

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Application
EP 81100451 A 19810122

Priority
DE 3009790 A 19800314

Abstract (en)
[origin: EP0036068A2] In a water heating installation a differential pressure regulator is provided between the flow 76 and the return 80, said regulator having an overflow valve 22, 26 and being able to release a short-circuit connection connected in parallel with the radiators 78 when a predetermined differential pressure is exceeded. A switch contact 42 in the control circuit of the heat source 72, on the differential pressure regulator, opens on the opening of the overflow valve 22, 23 and switches off the heat source. The flow temperature is thus regulated in dependence on heat requirements. In order to avoid excessive lowering of the flow temperature, an admixture valve 50 is connected in parallel to the overflow valve 22, 26 and opens when the temperature of the flow water is below a predetermined value. The differential pressure regulator, with the overflow valve 22, 26 and the admixture valve 50, is connected in series with a heat exchanger 82, serving as water heater, between said heat exchanger and the return (Fig.2). <IMAGE>

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EP 0001826 A1 19790516 - SASSERATH & CO KG H [DE]

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