

Title (en)  
HEATING INSTALLATION AND METHOD FOR OPERATING THE SAME

Title (de)  
HEIZUNGSANLAGE UND VERFAHREN ZU IHREM BETRIEB

Title (fr)  
SYSTEME DE CHAUFFAGE ET SON MODE DE FONCTIONNEMENT

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Application  
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Abstract (en)  
[origin: WO0055545A2] The invention relates to a heating installation, comprising a supply vessel (6) with an inlet and an outlet (4, 5) for a heated fluid; and a feed system (9, 10) for a heat transfer fluid with a feed line in which a valve (11) is situated, a temperature probe (4) which detects the temperature of the heated fluid and a control circuit (18) which activates the valve in dependence on a deviation of the temperature from a predetermined value. The invention also relates to a method for operating this installation. The aim of the invention is to obtain a rapid reaction from the installation while exerting a minimal mechanical load on the parts that are moved. To this end, the control circuit (18) has a limit frequency detector (19) which determines fluctuations in the temperature (Tist) and reduces or increases the loop amplification (V) of the control circuit (18) when the frequency is too high or too low, respectively.

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