Title (en)
METHOD FOR REGULATING A BURNER OF A HEATING SYSTEM WITH TWO LOADS

Title (de)
VERFAHREN ZUR REGELUNG EINES BRENNERS EINER HEIZUNGSANLAGE MIT ZWEI VERBRAUCHER

Title (fr)
PROCÉDÉ POUR LA RÉGULATION D'UN BRÛLEUR D'UNE INSTALLATION DE CHAUFFAGE AVEC DEUX CONSOMMATEURS

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Application
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Abstract (en)
[origin: WO2008049252A1] The invention relates to a method for regulating a burner of a heating system with a heating vessel and two loads, namely an all-weather heating circuit which is a direct heating circuit without a mixing valve, and a boiler circuit with a hot water boiler, wherein either one of these two loads can be connected to the heating vessel on the input side by means of a transfer valve, wherein the burner is switched off when a switch-off threshold TAB for the hot water boiler or a switch-off threshold TAH for the heating circuit is exceeded, and the burner is switched on when a switch-on threshold TEB for the hot water boiler or a switch-on threshold TEH for the heating circuit is not reached. According to the invention, the burner is kept in operation after being filled with domestic water during a burner lag time tn when the heating operation is enabled. During this burner lag time tn, the transfer valve is switched over to the heating circuit. The burner lag time tn is varied in accordance with the heating demands of the heating circuit. By means of the invention, the burner lead time is extended in order to reduce the number of burner starts.

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