

Title (en)

Method for monitoring the state of clogging and/or calcification of heat exchangers in heating or cooling systems.

Title (de)

Verfahren zur Überwachung des Verschmutzungs- und/oder Verkalkungszustandes von Wärmetauschern in Heiz- oder Kühlanlagen.

Title (fr)

Procédé de surveillance l'état d'encrassement et/ou calcification d'échangeurs de chaleurs dans des systèmes de chauffage ou de réfrigération.

Publication

EP 0617239 A3 19950301 (DE)

Application

EP 94104268 A 19940318

Priority

DE 4309313 A 19930323

Abstract (en)

[origin: EP0617239A2] In a method for monitoring the state of clogging and/or calcification of heat exchangers (4) in heating systems, follow-up operating data (temperatures T1' to T6', pump speeds np', ns') are sensed at regular intervals during the operation hereof and are compared with the original operating data (temperatures T1 to T6, pump speeds nP, ns) which were sensed in an initial state, e.g. upon initial start-up. In the event of a permissible deviation of the follow-up operating data from the original operating data being exceeded, which is usually attributable to clogging and/or calcification of the heat exchanger (4), a corresponding disruption signal is emitted. Corresponding to this method, a conventional heating system is provided with a monitoring device (28) by means of which clogging and/or calcification of the heat exchanger is automatically examined at regular intervals. <IMAGE>

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[X] EP 0155826 A2 19850925 - BABCOCK & WILCOX CO [US]

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