

Title (en)

METHOD AND DEVICE FOR MONITORING A HEAT EXCHANGER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ÜBERWACHUNG EINES WÄRMETAUSCHERS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE SURVEILLANCE D'UN ÉCHANGEUR DE CHALEUR

Publication

EP 3452773 A1 20190313 (DE)

Application

EP 17731060 A 20170424

Priority

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- DE 2017100330 W 20170424

Abstract (en)

[origin: WO2017190729A1] The invention relates to a method for monitoring a degree of fouling of a heat exchanger, involving learning operation in which, in a cleaned, reference operation state of the heat exchanger, for at least one reference operation situation, the cooling work of an electric motor that is responsible for cooling is determined and is stored in a memory, and measurement operation, in which, in a working operation situation corresponding to the at least one reference operation situation, the cooling work of the electric motor is determined, wherein after carrying out the learning operation and the measurement operation a change in efficiency of the heat exchanger is identified from a difference between a value for the cooling work in measurement operation and the value for the cooling work in learning operation.

IPC 8 full level

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