

Title (en)

METHOD FOR OPERATING A FAN, AND SYSTEM FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUM BETRIEB EINES VENTILATORS UND SYSTEM ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCÉDÉ DESTINÉ AU FONCTIONNEMENT D'UN VENTILATEUR ET SYSTÈME DESTINÉ À LA MISE EN OEUVRE DE CE PROCÉDÉ

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Application

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Abstract (en)

[origin: WO2023030589A1] The invention relates to a method for operating at least one fan (1, 1'), the fan (1, 1') preferably having an electric motor, wherein, during operation of the fan (1, 1'), at least one measured value is recorded by means of at least one sensor (2, 2'), in particular a sound pressure and/or a structure-borne sound vibration, the at least one measured value being used as a parameter by a computing unit (3) in order to determine acoustic and/or psychoacoustic characteristic values for at least one defined time interval and/or for at least one defined operating point, and the fan (1, 1') being operated, preferably exclusively, at permissible operating points in which the acoustic and/or psychoacoustic characteristic values lie in a defined range. The invention also relates to a system for carrying out the method.

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