

Title (en)

METHOD FOR ANALYZING A MEASURED PRESSURE VALUE, AND DEVICES

Title (de)

VERFAHREN ZUM BEWERTEN EINES GEMESSENEN DRUCKWERTS, UND VORRICHTUNGEN

Title (fr)

PROCÉDÉ D'ANALYSE D'UNE VALEUR DE PRESSION MESURÉE, ET DISPOSITIFS

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Abstract (en)

[origin: CA3210953A1] The present invention relates to a method for analyzing a measured pressure value, including providing a blood treatment apparatus (100), connectible to a blood tube set (300) that has an arterial blood-conducting line (301) and a venous blood-conducting line (305), the blood treatment apparatus (100) further comprising a blood pump (101), pressure gauge (PS1, PS3) for measuring the pressure in the blood-conducting lines (301, 305), while establishing at least one measured pressure value (Pax, Pvx) in each line, an alarm emitting device (500) for emitting an alarm on the basis of the measured pressure value (Pax, Pvx), and a controller (150) for open-loop or closed-loop control of the blood pump (101). The invention further comprises the step of providing an alarm criterion memory (550) for defining what is an event triggering an alarm, and of providing a reference data memory (555). The method further comprises analysis steps, such as measuring prevailing pressures, analyzing the established measured pressure values using alarm criteria, and repeating pressure measurement steps at certain delivery rates of the blood pump (101) in order to analyze, on the basis of the reference data memory, whether there is a false alarm. The method optionally comprises the step of emitting the alarm. The present invention also relates to devices for initiating or carrying out the method. (Fig. 3)

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