

Title (en)

METHOD FOR FAULT LOCALIZATION AND DIAGNOSIS IN A FLUIDIC INSTALLATION

Title (de)

VERFAHREN ZUR FEHLEREINGRENZUNG UND DIAGNOSE AN EINER FLUIDISCHEN ANLAGE

Title (fr)

PROCÉDÉ DE LOCALISATION DE DÉFAUT ET DE DIAGNOSTIC D'UNE INSTALLATION FLUIDIQUE

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Application

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Abstract (en)

[origin: WO2008098589A1] The invention relates to a method for fault localization and diagnosis in a fluidic installation, wherein the fluidic volume flow of the overall installation, or of at least a partial region of the same, or a variable as a measuring variable that is dependent thereon, are each recorded during an operating cycle and compared to stored references. At the time of a variation or change of the variation from the reference, it is determined in which component or components (10-14) of the installation a process influencing the fluid consumption has taken place in order to then identify the same as faulty. In case of such a variation, or change of variation, and in case of a simultaneous occurrence of a plurality of processes influencing the fluid consumption by a plurality of components (10-14), an exclusion process is carried out, in which subsequent activities, in which at least one of these components (10-14) is involved, are tested in subsequent test steps in order to see if in turn a variation, or change of variation occurs, wherein the components involved are excluded from further testing as non-faulty in each of these testing steps, if no variation, or change of variation, occurs.

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