

Title (en)

METHOD AND SYSTEM FOR PROCESSING FAULT HYPOTHESES

Title (de)

VERFAHREN UND SYSTEM ZUR BEARBEITUNG VON FEHLERHYPOTHESEN

Title (fr)

PROCEDE ET SYSTEME DE TRAITEMENT D'HYPOTHESES D'ERREURS

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Application

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Abstract (en)

[origin: WO03029978A2] The invention relates to a method and to a system suited for carrying out the same for conducting the automated processing of fault hypotheses within the framework of an analysis of the cause of a fault in the event thereof in a technical installation. According to the invention, a data processing system (1) is used that contains: physical models (31) of installation functions and processes, which can be carried out by the installation, and knowledge-based models (33) for performing the analysis of the cause of a fault; means (21, 32) for calculating and storing installation and process states while accessing the physical models (31) and data, said data being are stored in a data server (40) of the technical installation; means for performing hypothesis processing (22), and; an input/output device (11).

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