

Title (en)

Method and device for the evaluation of a hydraulic system

Title (de)

Verfahren und Vorrichtung zum Auswerten eines hydraulischen Systems

Title (fr)

Procédé et dispositif d'évaluation d'un système hydraulique

Publication

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Application

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Priority

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Abstract (en)

To evaluate the state of a hydraulic system, particularly a hydraulic aircraft system, one determines, with the system at rest and the pump (8) operating, at inlet (6), outlet (12) and leak outlet (18) of the pump temperature and pressure at those places with the pump operating as a pump with external leak outlet, while measuring the leak flow and operating the pump as a pump with internal leak return, and determines, using the known thermodynamic equations for these states, the pump efficiency and the system leak flow respectively. <IMAGE>

IPC 1-7

F04B 51/00

IPC 8 full level

F04B 51/00 (2006.01)

CPC (source: EP)

F04B 51/00 (2013.01)

Citation (search report)

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