

Title (en)

METHOD AND ARRANGEMENT FOR THE QUANTITATIVE DETERMINATION OF LEAKAGE OF HYDRAULIC COMPONENTS

Title (de)

VERFAHREN UND ANORDNUNG ZUR QUANTITATIVEN BESTIMMUNG DER LECKAGE VON HYDRAULISCHEN KOMPONENTEN

Title (fr)

PROCEDE ET DISPOSITIF DE DETERMINATION QUANTITATIVE DES FUITES DE COMPOSANTS HYDRAULIQUES

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Application

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Abstract (en)

[origin: WO2004092701A2] The invention relates to a method and an arrangement for the quantitative determination of leakage of hydraulic components which are part of a measuring and testing segment in a fluid line. The method is carried out in a simple and automatic manner. A closed volume is thus completely filled with a fluid, said closed volume containing a hydraulic component which is to be measured. A specific amount of said volume is modified by means of a compression component in a relatively short space of time. First pressure modification occurring through the specific volume alteration is measured and a second pressure modification occurring in the closed volume is measured after a relatively long period of time, whereupon leakage is determined from the alterations in the measured pressure.

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