

Title (en)

METHOD FOR MONITORING THE GAS PREFILL PRESSURE IN HYDRAULIC ACCUMULATORS

Title (de)

VERFAHREN ZUR ÜBERWACHUNG DES GAS-VORFÜLLDRUCKES BEI HYDROSPEICHERN

Title (fr)

PROCEDE POUR LA SURVEILLANCE DE LA PRESSION DE PREREMPLISSAGE EN GAZ DANS DES ACCUMULATEURS HYDRAULIQUES

Publication

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Application

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Priority

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Abstract (en)

[origin: US6758096B1] A method monitors the gas prefill pressure in hydraulic accumulators. After the pressure supply to the oil side of the accumulator has been interrupted and the contents of the tank have been emptied, the current gas temperature and the current gas pressure are determined, once the temperature has equalized. The data relating to the gas temperature and pressure is telemetrically transmitted to an evaluation unit, which is spatially located at a distance, to calculate an actual value of the gas prefill pressure which corresponds to a reference temperature.

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