

Title (en)
METHOD FOR METROLOGICALLY DETERMINING THE END OF A TEST INTERVAL, AND DEVICE FOR CARRYING OUT SAID METHOD

Title (de)
VERFAHREN ZUR MESSTECHNISCHEN BESTIMMUNG DES INTERVALLLENDES EINES PRÜFINTERVALLS SOWIE VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
PROCEDE POUR DETERMINER PAR MESURE LA FIN D'UN INTERVALLE DE CONTROLE ET DISPOSITIF POUR METTRE EN OEUVRE CE PROCEDE

Publication
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Application
EP 07702761 A 20070115

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Abstract (en)
[origin: WO2007080128A1] The aim of the invention is to create a method that is as accurate and reliable as possible for metrologically determining the end of a test interval (PI) which is to be maintained to perform a periodical test on pressure vessels (1) subjected to load variations within operating cycles (AZ). Said aim is achieved by a method in which the maximum working pressure (p) actually reached inside the pressure vessel (1) per working cycle (AZ) is measured by means of a pressure sensor (2), a load variable (BG) is determined per working cycle (AZ) based on the working pressure (p) measured per working cycle (AZ), a resulting load value (BW) is determined for several successive working cycles (AZ) based on the respective load variables (BG) determined per working cycle (AZ), and the resulting load value (BW) is compared to a predefined comparative value (VG). A signal indicating that the end of a test interval has been reached is output as soon as the resulting load value (BW) is equal to or greater than the predefined comparative value (VG).

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See references of WO 2007080128A1

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