Title (en)
METHOD AND APPARATUS FOR CARRYING OUT INTEGRITY TESTS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR DURCHFÜHRUNG VON INTEGRITÄTSTESTS

Title (fr)
PROCÉDÉ ET DISPOSITIF EN VUE DE L'EXÉCUTION D'UN TEST D'INTÉGRITÉ

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Application
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Abstract (en)
[origin: WO2010054740A1] The invention relates to a method and an apparatus for carrying out integrity tests of at least one filter element which is arranged within a filter housing and comprises porous filter materials, in which means for acoustic measurement of sound generated by a test fluid on flowing through the filter element are provided. The method comprises the steps: a) exposure of a first side of the filter materials of the filter element to a test fluid while maintaining a constant fluid pressure, b) measurement of the sound produced by the test fluid flowing through the filter materials and/or the vibration by means of sensors and c) comparison of the sound measured in step b) and/or the vibration with the sound measured under identical conditions and/or the vibration of an integral identical filter element.

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Citation (search report)
See references of WO 2010054740A1

Citation (examination)
• US 6666070 B1 20031223 - HAGG RALPH H [US], et al
• US 5161408 A 19921110 - MCRAE THOMAS G [US], et al

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