

Title (en)

METHOD AND APPARATUS FOR CORROSION MONITORING

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KORROSIONSÜBERWACHUNG

Title (fr)

PROCÉDÉ ET APPAREIL DE CONTRÔLE DE CORROSION

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Application

EP 11739119 A 20110525

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Abstract (en)

[origin: GB2480760A] A method of corrosion detection within a fluid handling system containing a fluid comprises providing an element sensitive to corrosion and in contact with the fluid; electrically monitoring the continuity of the element; and automatically providing an indication of a break in continuity of the element; wherein the element is arranged to break in response to a predetermined threshold level of corrosion. An apparatus for use with the method is provided. The apparatus may include a cap, housing or other enclosure arranged to protect the element from particles and hydrodynamic forces while allowing sufficient fluid communication for corrosion of the element to be representative of corrosion in the fluid handling system. An assembly suitable for use in installation of the apparatus to a pipe is also disclosed which makes use of a self-cutting valve to allow installation without requiring drainage of the system.

IPC 8 full level

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