

Title (en)

Sensing and checking system for the safety condition of tanks

Title (de)

Sensor- und Überprüfungssystem für den Sicherheitszustand von Behältern

Title (fr)

Système de détection et de vérification de l'état de sécurité des réservoirs

Publication

EP 1054078 A2 20001122 (EN)

Application

EP 99830421 A 19990701

Priority

IT RM990188 A 19990325

Abstract (en)

A sensing and checking system (B) of the safety conditions of tanks of the type comprising a cathodic corrosion protection apparatus (A), allowing the complete automation of the sensing activities with an improved checking safety and comprising: a data recognition and output unit (16), such data including a cathodic protection voltage (Vp) and a reference value (Vt) of a cathodic protection current, having a recognition storage (18), a storing recognition code of the tank (1); and a check unit (21), connectable to said data recognition and output unit (16), apt to record the measured values of said protection voltage (Vp) and of said reference value (Vt), comprising: a main storage storing a family of identification codes and the corresponding threshold value for said protection voltage (Vp); and means for comparing (31) said measured value with said threshold value.

<IMAGE>

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