

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 A3 20010404 (EN)**

Application

**EP 99830421 A 19990701**

Priority

IT RM990188 A 19990325

Abstract (en)

[origin: EP1054078A2] 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>

IPC 1-7

**C23F 13/04; C23F 13/22**

IPC 8 full level

**C23F 13/22** (2006.01)

CPC (source: EP)

**C23F 13/22** (2013.01)

Citation (search report)

- [A] US 3676567 A 19720711 - ZINN FRANK R
- [A] FR 2594552 A1 19870821 - GAZ DE FRANCE [FR]
- [A] EP 0353151 A1 19900131 - ADVANCED TECH INDUSTRY [FR]

Cited by

GB2475731A; GB2475731B; US8154296B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 1054078 A2 20001122; EP 1054078 A3 20010404**; IT 1306844 B1 20011011; IT RM990188 A1 20000925

DOCDB simple family (application)

**EP 99830421 A 19990701**; IT RM990188 A 19990325