

Title (en)

Pressure probe for monitoring system of low pressure box.

Title (de)

Druckaufnehmer für Überwachungssystem eines Unterdruckgefäßes.

Title (fr)

Capteur de pression pour système de surveillance d'une enceinte en dépression.

Publication

EP 0296977 A1 19881228 (FR)

Application

EP 88401583 A 19880623

Priority

FR 8708948 A 19870625

Abstract (en)

The probe comprises at least one chamber (221, 222, 223, 224), a piston (P1, P2, P3, P4) mounted slideably in the chamber, this piston defining in the chamber, on the one hand, a reference pressure volume (26, 30, 36, 38) connected to a reference pressure source and, on the other hand, a volume (24, 28, 32, 34) for the entry of the pressure prevailing in the supervised low-pressure box; the piston (P1, P2, P3, P4) mounted slideably in the said chamber (221-224) is ballasted at a value such that it moves from a first equilibrium state to a second equilibrium state when a pressure threshold (S1, S2, S3, S4) is exceeded in the low-pressure box (2), the movement of the piston between the first equilibrium state and the second equilibrium state supplying a piece of data to the supervising system (4) of the low- pressure box (2). <IMAGE>

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G21F 7/04; G05D 16/12

IPC 8 full level

G21F 7/04 (2006.01)

CPC (source: EP)

G21F 7/041 (2013.01)

Citation (search report)

- [AD] EP 0218507 A1 19870415 - COMMISSARIAT ENERGIE ATOMIQUE [FR]
- [A] DE 2655855 A1 19780615 - ALKEM GMBH
- [A] GB 1527715 A 19781011 - MENZIES B
- [A] FR 1423883 A 19660107 - JAHAN SOC

Designated contracting state (EPC)

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DOCDB simple family (publication)

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