

Title (en)

PRESSURE VESSEL WITH LIQUID PRESENCE DETECTOR IN A GAS CHAMBER

Publication

EP 0261021 B1 19891227 (FR)

Application

EP 87402010 A 19870909

Priority

FR 8612843 A 19860915

Abstract (en)

[origin: US4788851A] A pressure vessel comprises an enclosure in which are a liquid orifice and a gas orifice spaced from the liquid orifice. A separator divides the enclosure into two variable volume chambers. One of these is a liquid chamber communicating with the liquid orifice and the other is a gas chamber communicating with the gas orifice. The separator has a transverse wall spaced from the gas and liquid orifices and movable inside the enclosure. There is an orifice in the enclosure communicating with the gas chamber through which there is passed into the gas chamber a sensor which is responsive at one end to the presence of a liquid. In a neutral position of this transverse wall the responsive end of the sensor is nearer the transverse wall than it is to the orifice in the enclosure through which it passes into the gas chamber. The sensor preferably comprises an optical probe.

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IPC 8 full level

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CPC (source: EP US)

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