

Title (en)

SNIFFER PROBE, LEAK DETECTOR AND LEAK DETECTION METHOD

Title (de)

SCHNÜFFELSONDE, LECKDETEKTOR UND LECKDETEKTIONSVERFAHREN

Title (fr)

SONDE DE RENIFLAGE, DÉTECTEUR DE FUITES ET PROCÉDÉ DE DÉTECTION DE FUITES

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Application

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Abstract (en)

[origin: WO2019020274A1] The invention relates to a sniffer probe (2) for a leak detector (1) for checking the leak-tightness of an object to be tested by means of a tracer gas, the sniffer probe (2) comprising: - a sniffer end piece (11) that is configured to be connected to a pumping device (5) of the leak detector (1); and - a handle (12) bearing the sniffer end piece (11), characterized in that the sniffer probe (2) further includes a capacitive proximity sensor (13) including at least one handling detection electrode (18; 23a, 23b) that is arranged in a grip portion (16) of the handle (12), the capacitive proximity sensor (13) being configured to send a handling detection signal that is associated with the at least one handling detection electrode (18; 23a, 23b) to a processing unit (7) of the leak detector (1) in order to control the suction into the sniffer end piece (11) according to the handling detection signal. The present invention also relates to a leak detector and to a leak detection method for checking the leak-tightness of an object to be tested by means of a tracer gas.

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