

Title (en)
TEST-GAS LEAK DETECTOR

Title (de)
TESTGASLECKSUCHGERÄT

Title (fr)
DETECTEUR DE FUITES DE GAZ TRACEUR

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Application
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Abstract (en)
[origin: WO2004077005A1] The invention relates to a test-gas leak detector (1) comprising a connection (27) for a device under test, a sniffer, or a leak-detector chamber, a high-vacuum pump (2) with a test-gas detector (5) that is connected on the intake side of said pump and with a test-gas conduit (28) leading from the connection of the leak detector (27), said conduit being connected to at least one intermediate stage of the high-vacuum pump (2) in addition to the pre-vacuum zone of the high vacuum pump (2) via conduit sections (31, 32, 35) and valves (33, 34, 36). The aim of the invention is to simplify the construction and reduce the assembly time for adaptations of the detector. To achieve this, a housing (9), in which at least some of the conduits and valves and the high-vacuum pump (2) are integrated, forms part of the leak detector (1) and a detachable slide-in module (51) forms part of the high-vacuum pump. Said module has an external jacket construction (53) comprising passages (58, 61) and when the leak detector (1) is operational, is situated in a receiving opening (52) that is provided in the housing (9).

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