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(54) Title: A COMPRESSOR OR VACUUM PUMP DEVICE, A LIQUID RETURN SYSTEM FOR SUCH A COMPRESSOR OR VACUUM PUMP DEVICE AND A METHOD FOR DRAINING LIQUID FROM A GEARBOX OF SUCH A COMPRESSOR OR VACUUM PUMP DEVICE

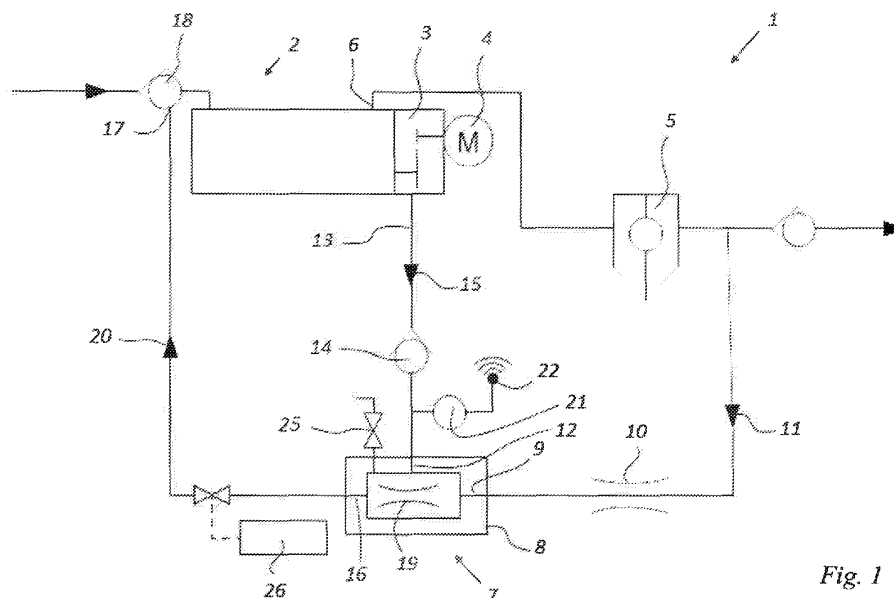


Fig. 1

(57) **Abstract:** A liquid-injected compressor or vacuum pump device with a liquid-injected compressor or vacuum pump element (2), which comprises a liquid return system (7), a motor (4) to drive the compressor or vacuum pumping element (2), a gearbox (3) provided between the motor (4) and the liquid-injected compressor or vacuum pump element (2), and a liquid separator vessel (5) in fluid connection with an outlet (6) of the compressor or vacuum pump element (2), wherein the liquid return system (7) comprises a main body (8) with a chamber in which a first compressed gas flow (11) from the liquid separator vessel (5) and a second fluid flow (15) from the gearbox (3) are mixed together to form a third fluid flow (20), which third fluid flow (20) leaves the chamber via an outlet (16) and is directed into the liquid-injected compressor or vacuum pump element (2) via the injection point (17).

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