

Title (en)
OIL-SEALED VACUUM PUMP

Title (de)
ÖLGEDICHTETE VAKUUMPUMPE

Title (fr)
POMPE A VIDE ETANCHE A L'HUILE

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Application
EP 94917665 A 19940526

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Abstract (en)
[origin: WO9504222A1] The invention pertains to an oil-sealed vacuum pump (1) with a pump chamber (8, 9), with a rotor (3) rotatively mounted therein, with a bearing piece (13) delimiting the pump chamber on the drive side and with a passage (35) in the bearing piece (13) which contains a coupling piece (37) used to interlock the rotor (3) with the shaft (36) of a drive motor (4) and a sealing ring (55) to seal off the coupling piece from the passage (35) in the bearing piece (13). To simplify manufacture of the pump, the invention proposes that the interlocking connections between rotor (3) and coupling piece (37) as well as coupling piece (37) and shaft (36) are effected on the end faces, and that the coupling piece (37) is a support for a rotor (46) for an oil pump (45, 46), the pump chamber (45) of which is formed in the end plate (13).

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