

Title (en)
SCREW ROTOR PUMP

Publication
EP 0405160 B1 19930804 (DE)

Application
EP 90110215 A 19900530

Priority
DE 3920900 A 19890626

Abstract (en)
[origin: EP0405160A1] In the case of a screw spindle pump (10) with drive spindle (18) arranged in the internal chamber (12) of a pump housing (14) and at least one sealed spindle (16) axially parallel to this together with an intake (76) and an outlet (78) for a flow medium to be delivered by the spindles (16, 18), the spindles (16, 18) are enclosed by a tubular housing insert (64), which with the pump housing (14) enveloping it defines at least one annular chamber (15) connected to the internal chamber (12) accommodating the spindles by at least one through hole (68). The annular chamber is sealed off from the internal chamber (12) on the intake side and provided at its pressure-side end with the radial through holes (68).
<IMAGE>

IPC 1-7
F04C 2/16

IPC 8 full level
F04C 2/08 (2006.01); **F04C 2/16** (2006.01)

CPC (source: EP)
F04C 2/086 (2013.01); **F04C 2/165** (2013.01)

Cited by
CN104863847A; EP4095384A1; EP0870929A3; EP4198309A1; JP2008542605A; DE102005025816B4; KR101158957B1; NO337323B1; US7862315B2; WO2021001204A1; WO2006128441A1

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