

Title (en)
SEALING ELEMENT VACUUM PUMP

Title (de)
DICHTELEMENT VAKUUMPUMPE

Title (fr)
POMPE À VIDE À ÉLÉMENT D'ÉTANCHÉITÉ

Publication
EP 3536961 B1 20240501 (DE)

Application
EP 19161064 A 20190306

Priority
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Abstract (en)
[origin: US2019277282A1] A rotary pump, preferably a vacuum pump, featuring: a delivery space including an inlet on a low-pressure side and an outlet on a high-pressure side of the pump; a rotor which is arranged in the delivery space and delivers a fluid from the inlet into the delivery space to the outlet from the delivery space; at least one housing part which delineates the delivery space at least axially; and a drive shaft which is connected in drive terms to the rotor; including at least one sealing element which is connected, secured against shifting and/or rotating, to the drive shaft and/or rotor and forms a radial sealing gap with the housing part.

IPC 8 full level
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CPC (source: CN EP US)
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Citation (examination)
• US 1719135 A 19290702 - ROESSLER AMANDUS C
• WO 2016150505 A1 20160929 - PIERBURG PUMP TECHNOLOGY GMBH [DE]

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EP 3536961 A2 20190911; **EP 3536961 A3 20191204**; **EP 3536961 B1 20240501**; **EP 3536961 C0 20240501**; CN 110230596 A 20190913; CN 110230596 B 20211019; DE 102018105142 A1 20190912; US 11286929 B2 20220329; US 2019277282 A1 20190912

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