

Title (en)

Pump driven by reaction turbine.

Title (de)

Mit einer Reaktionsturbine angetriebene Pumpe.

Title (fr)

Motopompe à turbine à réaction.

Publication

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Application

EP 91870183 A 19911114

Priority

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Abstract (en)

[origin: CA2078849A1] Motor-driven pump with reaction turbine. The invention relates to motor-driven pumps (1) with turbine, driven by a fluid at high pressure, and more specially intended for the pumping of liquids and of laden liquids. The motor-driven pump (I) according to the invention comprises a pivoting sleeve (15) mounted in line between two fixed rings (13, 14). To the internal surface of the sleeve (15) are secured pumping members (31, 32) such as helical vanes. The outer surface of the sleeve (15) forms the rotor of a turbine into which a pressurised fluid is injected radially in a centripetal manner, from a distribution volute (8).

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