

Title (en)
LIQUID RING COMPRESSOR OR VACUUM PUMP ARRANGEMENT

Publication
EP 0009213 B1 19820120 (DE)

Application
EP 79103433 A 19790913

Priority
DE 2841906 A 19780926

Abstract (en)
[origin: US4257749A] In a liquid ring compressor or vacuum pump with a liquid cooled electric motor and in a liquid separator disposed in housings which are connected to each other without piping and are subdivided into chambers by partitions, the compressor or pump housing forms, together with the motor housing, a first housing block and, in a second housing block, which is connected to the first via internal canals, a heat exchanger and the liquid separator are arranged with the two prismatic housing blocks immediately adjacent and sealed to each other on one side. The inlets and outlets for the liquid to be pumped and the cooling liquid are distributed over both housing blocks to provide a closed circuit for the operating liquid and for a continuous external supply of cooling liquid.

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IPC 8 full level
F04C 19/00 (2006.01); **F04C 23/00** (2006.01)

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