Title (en)

LIQUID RING PUMP

Title (de)

FLÜSSIGKEITSRINGPUMPE

Title (fr)

POMPE A ANNEAU LIQUIDE

Publication

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Application

EP 98936207 A 19980617

Priority

- DE 9801664 W 19980617
- DE 19727719 A 19970630

Abstract (en)

[origin: DE19727719C1] The invention relates to a liquid ring pump (12), consisting of at least one drive unit, said drive unit having a drive shaft (3), a working area housing, a rotating impeller (1) which can move freely axially on said drive shaft (3) and which is located in said housing, and a disc cam (8). Said disc cam (8) has passages in the area of the front face of the drive shaft for the exchange of sealing liquid (10) and for ventilation. Said passages allowing the exchange of sealing fluid and said free axial movement enable the impeller (1) to adjust itself during operation.

IPC 1-7

F04C 19/00; F04C 29/00

IPC 8 full level

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