

Title (en)

VANE CELL PUMP

Title (de)

FLÜGELZELLENPUMPE

Title (fr)

POMPE A CELLULES SEMI-ROTATIVES

Publication

EP 0925453 B1 20040630 (DE)

Application

EP 97919011 A 19970829

Priority

- DE 19635801 A 19960904
- EP 9704713 W 19970829

Abstract (en)

[origin: DE19635801A1] A vane cell pump has a pot-shaped housing cover (2) which receives a pump unit (3). The pot-shaped cover (2) is prolonged in the axial direction and contains a damper (14) to effectively dampen pressure oscillations. The housing cover (2) further carries an inwardly projecting extension (6) for supporting the pump unit (3). A piston (15) that can slide against a spring (18) can be arranged on the extension (6) to improve the damper effect.

IPC 1-7

F04C 2/344; F04C 15/00

IPC 8 full level

F04C 2/344 (2006.01); **F04C 14/26** (2006.01); **F04C 15/00** (2006.01); **F04C 15/06** (2006.01)

CPC (source: EP US)

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DE 19635801 A 19960904; EP 9704713 W 19970829; EP 97919011 A 19970829; JP 51221098 A 19970829; US 25425999 A 19990304