

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)  
**F04C 15/00** (2013.01 - EP US); **F04C 15/0049** (2013.01 - EP US)

Designated contracting state (EPC)  
FR GB

DOCDB simple family (publication)  
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