

Title (en)  
SEAL FOR ROTARY PISTON PUMP

Publication  
**EP 0107691 B1 19870826 (DE)**

Application  
**EP 83901375 A 19830503**

Priority  
DE 3216990 A 19820506

Abstract (en)  
[origin: DE3216990A1] A rotary piston compressor, which is preferably a rotary piston vacuum pump has two shafts which are supported at least in a separation wall or in a separation housing arranged between the section chamber and the adjacent pumping chamber partially filled with oil. The sealing is achieved by a slide ring sealing. A pump fitted on the shaft of the rotary piston is used for its lubrication; its discharged side is connected with the chambers of the slide ring sealing.

IPC 1-7  
**F04C 27/00**

IPC 8 full level  
**F04C 27/00** (2006.01)

CPC (source: EP)  
**F04C 27/009** (2013.01)

Citation (examination)  
US 2178425 A 19391031 - JOHNSON WILFRID E

Cited by  
CN106930945A

Designated contracting state (EPC)  
AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)  
**DE 3216990 A1 19831110**; AU 1516583 A 19831202; DE 3373202 D1 19871001; DK 153174 B 19880620; DK 153174 C 19881212; DK 3984 A 19840105; DK 3984 D0 19840105; EP 0107691 A1 19840509; EP 0107691 B1 19870826; ES 271911 U 19840801; ES 271911 Y 19850216; IT 1212953 B 19891207; IT 8309417 A0 19830506; JP S59500825 A 19840510; NO 834827 L 19831227; WO 8304075 A1 19831124; ZA 833087 B 19840125

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**DE 3216990 A 19820506**; AU 1516583 A 19830503; DE 3373202 T 19830503; DK 3984 A 19840105; EP 8300116 W 19830503; EP 83901375 A 19830503; ES 271911 U 19830502; IT 941783 A 19830506; JP 50152283 A 19830503; NO 834827 A 19831227; ZA 833087 A 19830502