

Title (en)
SCROLL-TYPE DISPLACEMENT ENGINE

Publication
EP 0298315 B1 19910123 (DE)

Application
EP 88110070 A 19880624

Priority
CH 263887 A 19870710

Abstract (en)
[origin: JPS6424192A] PURPOSE: To surely seal a work chamber for long hours by forming a spring member arranged between a sealing strip and a groove bottom from a tube made of silicon rubber, relating to a displacement machine for compressible media. CONSTITUTION: On both sides of a disk 4 a displacement body 5 extending spirally is disposed. The displacement body 5 is engaged with the exhaust chamber 6 of a casing 7. On the end face of the displacement body 5 an annular groove 13 is provided and into the groove 13, an elastic sealing strip 14 made of a material possible to slide, is inserted. A spring member 15 is disposed between the sealing strip 14 and the groove bottom. The spring member 15 consists of a tube made of a silicone rubber. Thus, the work chamber can be surely and satisfactorily sealed over long hours of operation.

IPC 1-7
F01C 19/08

IPC 8 full level
F04C 18/02 (2006.01); **F01C 19/08** (2006.01)

CPC (source: EP US)
F01C 19/08 (2013.01 - EP US)

Citation (examination)
Technik-Lexikon Werkstoffe und Werkstoffprüfung Grundlagen, Band 4, Rowohlt Taschenbuch Verlag GmbH, 1971, Seite 673

Cited by
US5258046A; EP0597804A1; EP0807759A3; EP0446635A3; EP0520487A1; CN101960142A; US8721304B2

Designated contracting state (EPC)
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