

Title (en)
Scroll machine with floating seal

Title (de)
Spiralverdichter mit schwimmender Abdichtung

Title (fr)
Compresseur à spirales avec joint flottant

Publication
EP 0479421 B1 19951213 (EN)

Application
EP 91307172 A 19910805

Priority
US 59145490 A 19901001

Abstract (en)
[origin: EP0479421A1] A scroll machine utilizing working fluid under pressure to enhance axial sealing, including several embodiments of a multi-function floating seal to isolate the axial biasing fluid, and provide vacuum protection and a degree of high pressure ratio protection. <IMAGE>

IPC 1-7
F04C 18/02; F04C 27/00

IPC 8 full level
F04C 18/02 (2006.01); **F04C 27/00** (2006.01); **F04C 28/26** (2006.01); **F04C 29/00** (2006.01); **F04C 29/02** (2006.01); **F04C 29/04** (2006.01); **F16J 15/32** (2006.01)

CPC (source: EP KR)
F04C 18/0215 (2013.01 - EP); **F04C 18/06** (2013.01 - KR); **F04C 27/005** (2013.01 - EP); **F04C 28/265** (2013.01 - EP)

Cited by
EP0579374A1; EP3205882A4; EP0844398A1; CN1079915C; US6095764A; EP0843098A4; EP3159542A4; US9897088B2; US11656003B2; US10458404B2; US9823632B2; US9762168B2; US10041713B1; US10558229B2; US11371504B2; US9638436B2; US10274945B2; US9876346B2; US10352602B2; US9703287B2; US10234854B2; US10884403B2; US9765979B2; US10060636B2; US10443863B2; US10655625B2; EP3575602B1; US9669498B2; US9803902B2; US9885507B2; US10335906B2; US10488090B2; US10775084B2

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