

Title (en)  
Scroll machine with floating seal.

Title (de)  
Spiralverdichter mit schwimmender Abdichtung.

Title (fr)  
Compresseur à spirales avec joint flottant.

Publication  
**EP 0479421 A1 19920408 (EN)**

Application  
**EP 91307172 A 19910805**

Priority  
US 59145490 A 19901001

Abstract (en)  
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)

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BE DE ES FR GB IT

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**EP 91307172 A 19910805**; AU 8153991 A 19910802; BR 9103456 A 19910813; CA 2046548 A 19910709; CN 91108516 A 19910828; DE 69115422 T 19910805; JP 25696291 A 19910909; KR 910017086 A 19910930; MX 9100629 A 19910812