

Title (en)  
Scroll compressor

Title (de)  
Spiralverdichter

Title (fr)  
Compresseur à spirales

Publication  
**EP 1574715 B1 20060927 (EN)**

Application  
**EP 05012629 A 20010207**

Priority  
EP 01904326 A 20010207

Abstract (en)  
[origin: EP1574715A1] Refrigerant gas undergoing compression is extracted from the compression chamber (1d) and introduced into a closed frame space (15f) formed by disposing two sealing materials (16c,16d) respectively on two cylindrical (or flat) surfaces formed by a compliant frame (3), supporting the oscillating scroll (2), and a guide frame (15) supporting the compliant frame (3). The pressure in the frame space (15f) is 1.2 to 2 times the suction pressure of the compressor.

IPC 8 full level  
**F04C 27/00** (2006.01); **F04C 18/02** (2006.01); **F04C 23/00** (2006.01)

CPC (source: EP)  
**F04C 23/008** (2013.01); **F04C 27/005** (2013.01); **F04C 18/0215** (2013.01)

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