

Title (en)  
Scroll compressor

Title (de)  
Spiralverdichter

Title (fr)  
Compresseur à spirales

Publication  
**EP 1319840 A1 20030618 (EN)**

Application  
**EP 03006366 A 19980916**

Priority  
• EP 98117556 A 19980916  
• JP 25212597 A 19970917

Abstract (en)  
A highly reliable scroll compressor with an unproved bearing lubrication comprises a refrigerant gas intake side, a rear surface of a swivel scroll and a main support frame, which are placed in communication the pressure among them being set low. The refrigerant gas is compressed under a gas-sealed condition while holding the swivel scroll away from a stationary scroll, and a lubricant is introduced from a lubricating portion and fed to sliding parts including a bearing via an oil feed passage provided in an rotating shaft, the lubricant being circulated for repeated use. <IMAGE>

IPC 1-7  
**F04C 18/02**; **F04C 29/08**; **F04C 29/02**

IPC 8 full level  
**F04C 18/02** (2006.01); **F04C 29/02** (2006.01)

CPC (source: EP)  
**F04C 18/0215** (2013.01); **F04C 23/008** (2013.01); **F04C 29/023** (2013.01)

Citation (search report)  
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