

Title (en)  
SCROLL COMPRESSOR

Title (de)  
SPIRALVERDICHTER

Title (fr)  
COMPRESSEUR À SPIRALES

Publication  
**EP 2034187 B1 20140820 (EN)**

Application  
**EP 07767139 A 20070618**

Priority  
• JP 2007062241 W 20070618  
• JP 2006176931 A 20060627

Abstract (en)  
[origin: EP2034187A1] The present invention aims at providing a compressor capable of allowing lubrication oil supplied to a high pressure part of a back pressure chamber to circulate into a low pressure part by a simple structure. The compressor of the present invention includes an annular partition member dividing a back pressure chamber provided between a revolving scroll member and a bearing frame into a high pressure part located at an inner peripheral part side and a low pressure part located at an outer peripheral part side, and an oil supply groove for bringing the high pressure part and the low pressure part into communication at the predetermined revolving position of the revolving scroll member is provided on the surface opposite to a spiral body of the revolving scroll member. Thereby, the lubrication oil supplied to the high pressure part flows into the low pressure part through the oil supply groove at the predetermined revolving position of the revolving scroll member.

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

CPC (source: EP)  
**F04C 18/0253** (2013.01); **F04C 23/008** (2013.01); **F04C 29/028** (2013.01); **F04C 2210/261** (2013.01)

Cited by  
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DOCDB simple family (publication)  
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