

Title (en)  
SCROLL COMPRESSOR

Title (de)  
SPIRALVERDICHTER

Title (fr)  
COMPRESSEUR À SPIRALES

Publication  
**EP 3690246 A1 20200805 (EN)**

Application  
**EP 20154771 A 20200131**

Priority  
KR 20190014114 A 20190201

Abstract (en)  
A scroll compressor according to the present invention provides a driving part configured to generate torque in a main housing forming an accommodation space and a compression part driven by the driving part to form a compression room in which a refrigerant is compressed. The torque of the driving part is transmitted to the compression part by a driving shaft. The driving shaft is rotatably supported by a main bearing, and the main bearing is installed in a region of a side of the driving part in which the refrigerant is not compressed. Accordingly, since the main bearing is disposed in a low pressure region, a load applied to the main bearing may be decreased.

IPC 8 full level  
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Citation (applicant)  
KR 100937919 B1 20100121

Citation (search report)  
• [X] WO 2004010001 A1 20040129 - ZEXEL VALEO CLIMATE CONTR CORP [JP], et al  
• [A] EP 1818541 A1 20070815 - TOYOTA JIDOSHOKKI KK [JP]  
• [A] US 2008038133 A1 20080214 - SAWAI KIYOSHI [JP], et al

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