

Title (en)  
SCROLL-TYPE REFRIGERANT COMPRESSOR

Title (de)  
SPIRAL-KÄLTEMITTELKOMPRESSOR

Title (fr)  
COMPRESSEUR FRIGORIFIQUE A SPIRALES

Publication  
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Application  
**EP 06764668 A 20060523**

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Abstract (en)  
[origin: WO2006125909A1] The invention relates to a scroll-type refrigerant compressor. The inventive compressor comprises: a sealed chamber which is defined by a ferrule (2) and which contains a suction volume and a compression volume; and an electric motor which is disposed on the suction side and which comprises a stator (7) and a rotor (8), the latter being solidly connected to a drive shaft (26). The stator (7) is surrounded by an intermediate casing (6) which defines (i) an annular volume (13) with the moving ferrule (2) of the compressor and (ii) a chamber (11) containing the coil end of the motor and facing the compression volume side. The end of the intermediate casing that faces the side opposite the compression volume is disposed at the end of the stator facing the side opposite the compression volume or set back from same. In addition, means (14) are provided in order to convey at least part of the gas arriving at the gas inlet in the ferrule into the chamber (11) containing the coil end.

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