

Title (en)
SCROLL-TYPE REFRIGERANT COMPRESSOR

Title (de)
SPIRAL-KÄLTEMITTELKOMPRESSOR

Title (fr)
COMPRESSEUR FRIGORIFIQUE A SPIRALES

Publication
EP 1886024 A1 20080213 (FR)

Application
EP 06764668 A 20060523

Priority
• FR 2006001175 W 20060523
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Abstract (en)
[origin: US7708536B2] A scroll-type refrigerant compressor with a sealed enclosure defined by a shell and containing a suction volume and a compression volume at opposite ends of the enclosure. The shell has a gas inlet, an electric motor on the suction side having a stator and defining with the shell an annular volume. The stator is surrounded by a jacket defining an annular volume with the shell and a chamber which contains the motor winding and is directed towards the compression volume, an end of the intermediate jacket directed away from the compression volume being located at an end of the stator directed away from the compression volume. Structure is provided for conveying some of the gas arriving at the gas inlet into the chamber containing the motor winding, and gas conveyed by the structure is admitted into the chamber containing the winding through the gas intake orifice.

IPC 8 full level
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CPC (source: EP KR US)
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F04C 29/025 (2013.01 - EP US); **F04C 18/0215** (2013.01 - EP US); **F04C 28/08** (2013.01 - EP US); **F04C 2240/603** (2013.01 - EP US);
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Cited by
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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DE 602006007987 D1 20090903; EP 1886024 A1 20080213; EP 1886024 B1 20090722; KR 100938798 B1 20100127;
KR 20080011443 A 20080204; US 2009035168 A1 20090205; US 2009041602 A1 20090212; US 7670120 B2 20100302;
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