Title (en)
Scroll type compressor

Title (de)
Spiralverdichter

Title (fr)
Compresseur à spirales

Publication
EP 0467342 B1 19960124 (EN)

Application
EP 91111968 A 19910717

Priority
JP 7643590 U 19900718

Abstract (en)
[origin: EP0467342A1] A scroll type compressor comprising a stationary scroll member (2) and a movable scroll member (4) accommodated in a housing (10, 39), the scroll members (2, 4) being engaged with each other so that the movable scroll member (4) is subjected to an orbital motion around the stationary scroll member (2) and forms compression chambers (39) therebetween, in which chambers (39) a coolant gas is compressed by a volume reduction of the chamber (39) in accordance with the orbital motion, and is discharged therefrom to a refrigeration circuit. An intake port (8) for introducing the coolant gas into the housing (10, 30) is provided at a position closer to lubrication indispensable mechanisms such as a main bearing (32) or a sealing means (31) while confronting the periphery of a counterweight (35). The coolant gas is sucked into the interior of the housing (10, 39) and fed to the lubrication indispensable mechanisms (31, 32). When the counterweight (35) is positioned on the side closer to the intake port (8), the coolant gas is introduced directly therefrom to the compression chamber (39). <IMAGE>

IPC 1-7
F04C 18/02

IPC 8 full level
F04C 18/02 (2006.01); **F04C 29/12** (2006.01)

CPC (source: EP KR)
F04C 18/02 (2013.01 - KR); **F04C 18/0215** (2013.01 - EP); **F04C 29/12** (2013.01 - EP); F04C 2250/101 (2013.01 - EP); F05B 2250/501 (2013.01 - EP)

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DE FR GB IT

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