

Title (en)
Compressor for cooling fluid

Title (de)
Kompressor für Kältemittel

Title (fr)
Compresseur pour fluide réfrigérant

Publication
EP 1770281 B1 20141210 (DE)

Application
EP 06019416 A 20060916

Priority
DE 102005048093 A 20050930

Abstract (en)
[origin: EP1770281A2] Compressor comprises a lubricant collecting chamber arranged in an outer housing (10) and a lubricant supply unit having a conveying wheel (142) for conveying the lubricant from a sump into a feed chamber for a drive shaft. A lower pressure prevails in a lubricant conveying chamber (150) than in the lubricant collecting chamber so that lubricant collecting in the collecting chamber overflows into the sump based on the pressure difference in the sump. Preferred Features: The lubricant supply unit is arranged on one side of the drive motor lying opposite a spiral compressor (20). The lubricant conveying chamber is arranged between a separating wall in the outer housing and a front wall of the outer housing.

IPC 8 full level
F04C 18/02 (2006.01); **F04C 23/00** (2006.01); **F04C 29/02** (2006.01)

CPC (source: EP US)
F04C 23/008 (2013.01 - EP US); **F04C 29/023** (2013.01 - EP US); **F04C 29/026** (2013.01 - EP US); **F04C 18/0215** (2013.01 - EP US); **F04C 2240/30** (2013.01 - EP US); **Y10S 417/902** (2013.01 - EP US)

Cited by
US11725660B2; EP3734072A4

Designated contracting state (EPC)
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DOCDB simple family (publication)
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