

Title (en)

SCREW COMPRESSOR WITH OIL FEED SYSTEM

Title (de)

SCHRAUBKOMPRESSOR MIT ÖLZUFUHRSYSTEM

Title (fr)

COMPRESSEUR A VIS AVEC SYSTEME D'INJECTION D'HUILE

Publication

**EP 1963679 A1 20080903 (EN)**

Application

**EP 06840084 A 20061130**

Priority

- US 2006061415 W 20061130
- US 75385805 P 20051223

Abstract (en)

[origin: WO2007076213A1] A rotary screw compressor with an oil feed system that has a plurality of oil orifice nozzles to feed oil to the compressor rotors and the compressor bearings. One of the oil orifice nozzles is generally always provided with a regulated flow of oil. At least one and preferably two on/off oil valves can be selectively opened and closed. Each of the on/off oil valves are of a different size and are selectively opened and closed to step regulate the amount of oil being fed to the compression chamber according to a predetermined compression chamber discharge temperature.

IPC 8 full level

**F04C 18/16** (2006.01); **F04C 29/00** (2006.01)

CPC (source: EP US)

**F04C 29/0014** (2013.01 - EP US); **F04C 18/16** (2013.01 - EP US)

Citation (search report)

See references of WO 2007076213A1

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DOCDB simple family (publication)

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