

Title (en)

OIL-INJECTED COMPRESSOR WITH MEANS FOR OIL TEMPERATURE REGULATION

Title (de)

ÖLEINGESPRITZTER VERDICHTER MIT MITTELN ZUR ÖLTEMPERATURREGELUNG

Title (fr)

COMPRESSEUR A INJECTION D'HUILE DOTE DE MOYENS DE REGLAGE DE LA TEMPERATURE DE L'HUILE

Publication

EP 1907704 A2 20080409 (DE)

Application

EP 06754724 A 20060714

Priority

- EP 2006006903 W 20060714
- DE 102005033084 A 20050715

Abstract (en)

[origin: US2008206085A1] The invention relates to an oil-injected compressor, in particular, an oil-injected mobile screw compressor with a motor-driven compressor unit, for the generation of compressed air cooperating with an oil circuit for lubrication, the oil tank of which is housed in a subsequent oil separator device for separating the oil from the compressed air. Means for oil temperature regulation are provided, comprising a cooler with a fan. The means for oil temperature regulation comprises a speed variable drive for the fan as adjuster, a regulator device for the speed of the fan matches the heat transferred to the ambient cooling air by the cooler.

IPC 8 full level

F04C 29/04 (2006.01); **F04C 18/16** (2006.01)

CPC (source: EP US)

F04C 29/02 (2013.01 - EP US); **F04C 29/04** (2013.01 - EP US); **F04C 18/16** (2013.01 - EP US)

Citation (search report)

See references of WO 2007009669A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

US 2008206085 A1 20080828; AT E434133 T1 20090715; DE 102005033084 A1 20070118; DE 102005033084 B4 20071011; DE 502006004009 D1 20090730; EP 1907704 A2 20080409; EP 1907704 B1 20090617; JP 2009501290 A 20090115; WO 2007009669 A2 20070125; WO 2007009669 A3 20070419

DOCDB simple family (application)

US 99558106 A 20060714; AT 06754724 T 20060714; DE 102005033084 A 20050715; DE 502006004009 T 20060714; EP 06754724 A 20060714; EP 2006006903 W 20060714; JP 2008520807 A 20060714