

Title (en)

COMPRESSOR ARRANGEMENT HAVING BYPASS MEANS FOR AVOIDING FREEZING OF THE COOLER UNIT

Title (de)

KOMPRESSORANORDNUNG MIT BYPASSMITTELN ZUR VERMEIDUNG EINES EINFRIERENS DER KÜHLEINHEIT

Title (fr)

SYSTEME DE COMPRESSEUR DOTE DE MOYENS DE DERIVATION PERMETTANT D'EVITER LE GEL DE L'UNITE DE REFROIDISSEMENT

Publication

EP 1948930 B1 20160706 (DE)

Application

EP 06818455 A 20061110

Priority

- EP 2006010780 W 20061110
- DE 102005053949 A 20051111

Abstract (en)

[origin: DE102005053949B3] The compressor to give compressed air, with a cooling unit (4a) to cool the compressed air, has a cooling structure (6) for the coolant flow with an inflow (5) and an outflow (7). A bypass, to prevent freezing, is a tube (9) which is permanently open between the inflow and outflow with a cross section to give a higher flow resistance at normal ambient temperatures.

IPC 8 full level

F04B 39/06 (2006.01)

CPC (source: EP US)

F04B 25/00 (2013.01 - EP US); **F04B 39/06** (2013.01 - EP US); **F04B 39/066** (2013.01 - EP US); **F04B 39/068** (2013.01 - EP US); **Y10T 137/6416** (2015.04 - EP US); **Y10T 137/87362** (2015.04 - EP US)

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)

DE 102005053949 B3 20061109; EP 1948930 A1 20080730; EP 1948930 B1 20160706; US 2009151794 A1 20090618; US 9022068 B2 20150505; WO 2007054328 A1 20070518

DOCDB simple family (application)

DE 102005053949 A 20051111; EP 06818455 A 20061110; EP 2006010780 W 20061110; US 9315606 A 20061110