

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)

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