

Title (en)  
REFRIGERANT COMPRESSOR

Title (de)  
KÄLTEMITTELKOMPRESSOR

Title (fr)  
COMPRESSEUR FRIGORIFIQUE

Publication  
**EP 0920587 B1 20030416 (DE)**

Application  
**EP 98934981 A 19980619**

Priority  
• DE 19726943 A 19970625  
• EP 9803745 W 19980619

Abstract (en)  
[origin: DE19726943A1] The invention relates to a refrigerant compressor comprising a motor unit (20) which has a motor and a cooling duct (36), running from an external cooling duct connection for the motor. The refrigerant compressor also has a compressor unit (26) having a compressor stage with an inlet (48), an outlet (50), and a suction duct (46). The suction duct runs from an external suction connection and, like the cooling duct, leads to the compressor stage outlet. The invention seeks to improve this refrigerant compressor so that cooling can be carried out variably and with a minimum of structural alterations. To this end, an external connection unit (32) is fitted, onto which the cooling duct connection and the suction connection are mounted. Furthermore, the connection unit has a support and an adjusting device (71) which can be inserted into the support in at least two different positions. The proportion of the total amount of suction gas which is supplied to the cooling channel connection and the suction channel via an external suction gas connection can thus be varied by setting the adjustment device (71) to different positions.

IPC 1-7  
**F04B 39/06**; **F04C 29/04**

IPC 8 full level  
**F04B 39/06** (2006.01); **F04C 29/04** (2006.01); **F25B 31/02** (2006.01)

CPC (source: EP US)  
**F04B 39/06** (2013.01 - EP US); **F25B 31/023** (2013.01 - EP US)

Designated contracting state (EPC)  
DE DK ES FR GB IT NL SE

DOCDB simple family (publication)  
**DE 19726943 A1 19990114**; **DE 19726943 C2 20000323**; CA 2263931 A1 19990107; CA 2263931 C 20070313; DE 59807951 D1 20030522; DK 0920587 T3 20030804; EP 0920587 A1 19990609; EP 0920587 B1 20030416; ES 2194332 T3 20031116; US 6131406 A 20001017; WO 9900600 A1 19990107

DOCDB simple family (application)  
**DE 19726943 A 19970625**; CA 2263931 A 19980619; DE 59807951 T 19980619; DK 98934981 T 19980619; EP 9803745 W 19980619; EP 98934981 A 19980619; ES 98934981 T 19980619; US 26145799 A 19990219