

Title (en)

Thermostatic compressor suction inlet duct valve.

Title (de)

Verdichter mit Einlass-Thermostatventil.

Title (fr)

Compresseur avec soupape d'arrêt thermostatique pour l'entrée.

Publication

EP 0661457 A1 19950705 (EN)

Application

EP 94630068 A 19941208

Priority

US 16636893 A 19931213

Abstract (en)

One or more thermostatically responsive valves (44) are positioned to regulate the diversion of suction gas flow over the motor (18) to cool the motor (18). The valves (44) are responsive to motor temperature and only open when motor cooling is required.

IPC 1-7

F04C 23/00; **F04C 29/04**; **F04C 29/10**

IPC 8 full level

F04C 29/12 (2006.01); **F04B 39/06** (2006.01); **F04C 18/02** (2006.01); **F04C 23/00** (2006.01); **F04C 29/04** (2006.01)

CPC (source: EP KR US)

F04B 39/066 (2013.01 - EP US); **F04C 18/02** (2013.01 - KR); **F04C 23/008** (2013.01 - EP US); **F04C 29/045** (2013.01 - EP US); **F04B 2203/0205** (2013.01 - EP US); **Y10S 417/902** (2013.01 - EP US)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 14, no. 144 (M - 951) 19 March 1990 (1990-03-19)
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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

US 5366352 A 19941122; BR 9404955 A 19950808; EP 0661457 A1 19950705; JP H07253090 A 19951003; KR 950019223 A 19950722

DOCDB simple family (application)

US 16636893 A 19931213; BR 9404955 A 19941212; EP 94630068 A 19941208; JP 30411194 A 19941208; KR 19940033874 A 19941213