

Title (en)

COMPRESSOR ASSEMBLY HAVING ELECTRONICS COOLING SYSTEM

Title (de)

VERDICHTERANORDNUNG MIT KÜHLSYSTEM FÜR ELEKTRONIK

Title (fr)

ENSEMBLE COMPRESSEUR ÉQUIPÉ D'UN SYSTÈME DE REFROIDISSEMENT DE DISPOSITIFS ÉLECTRONIQUES

Publication

EP 2198158 A4 20150708 (EN)

Application

EP 08836567 A 20081003

Priority

- US 2008011442 W 20081003
- US 99804807 P 20071005
- US 24441608 A 20081002

Abstract (en)

[origin: WO2009045496A1] A refrigeration system having a compressor, a condenser, an evaporator, an accumulator, and electronics for controlling the compressor. The accumulator collects gaseous and liquid refrigerant passing from the evaporator to the compressor. The electronics are mounted to the accumulator to transfer heat from the electronics to the refrigerant located within the accumulator to cool the electronics.

IPC 8 full level

F04B 39/00 (2006.01); **F04B 39/06** (2006.01); **F04B 53/08** (2006.01); **F04C 29/00** (2006.01); **F25B 31/00** (2006.01)

CPC (source: EP US)

F04B 39/06 (2013.01 - EP US); **F04B 39/12** (2013.01 - EP US); **F04B 53/08** (2013.01 - EP US); **F25B 31/006** (2013.01 - EP US); **F25B 43/006** (2013.01 - EP US); **F25B 2400/051** (2013.01 - EP US)

Citation (search report)

- [XY] EP 1580498 A2 20050928 - SANYO ELECTRIC CO [JP]
- [Y] DE 19859340 A1 20000706 - MANNESMANN VDO AG [DE]
- [A] DE 10328213 A1 20050113 - BOSCH GMBH ROBERT [DE]
- See references of WO 2009045496A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2009045496 A1 20090409; CN 101815869 A 20100825; CN 101815869 B 20130306; EP 2198158 A1 20100623; EP 2198158 A4 20150708; KR 101128776 B1 20120327; KR 20100058659 A 20100603; US 2009241592 A1 20091001

DOCDB simple family (application)

US 2008011442 W 20081003; CN 200880110276 A 20081003; EP 08836567 A 20081003; KR 20107008912 A 20081003; US 24441608 A 20081002