

Title (en)  
ELECTRIC COMPRESSOR FOR VEHICLE-MOUNTED AIR CONDITIONER

Title (de)  
ELEKTRISCHER VERDICHTER FÜR EINE FAHRZEUGKLIMAAANLAGE

Title (fr)  
COMPRESSEUR ÉLECTRIQUE POUR CLIMATISEUR MONTÉ SUR UN VÉHICULE

Publication  
**EP 2199610 A1 20100623 (EN)**

Application  
**EP 08837816 A 20081002**

Priority  
• JP 2008067953 W 20081002  
• JP 2007263367 A 20071009

Abstract (en)  
An electric compressor for a vehicle air conditioner capable of preventing refrigerant leakage is provided. A case (77) is formed by injecting a molten metal into a mold, and a compression unit for compressing a refrigerant is accommodated inside, wherein a machined portion (123) is formed on one of an inner circumferential surface (77A) in contact with the refrigerant and an outer circumferential surface adjacent to the inner circumferential surface.

IPC 8 full level  
**F04B 39/12** (2006.01); **F04C 29/00** (2006.01)

CPC (source: EP US)  
**F04B 39/121** (2013.01 - EP US); **F04C 23/008** (2013.01 - EP US); **F04C 18/0215** (2013.01 - EP US); **F04C 2230/21** (2013.01 - EP US); **F04C 2240/30** (2013.01 - EP US); **F04C 2240/808** (2013.01 - EP US); **F05C 2201/021** (2013.01 - EP US); **F05C 2201/903** (2013.01 - EP US)

Citation (search report)  
See references of WO 2009048013A1

Cited by  
CN111065817A

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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

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**US 2010028175 A1 20100204**; EP 2199610 A1 20100623; JP 2009091987 A 20090430; WO 2009048013 A1 20090416

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**US 44353808 A 20081002**; EP 08837816 A 20081002; JP 2007263367 A 20071009; JP 2008067953 W 20081002