

Title (en)  
Sealed type electric compressor

Title (de)  
Hermetischer elektrischer Verdichter

Title (fr)  
Compresseur électrique hermétique

Publication  
**EP 1657439 B1 20070509 (EN)**

Application  
**EP 05024575 A 20051110**

Priority  
JP 2004327441 A 20041111

Abstract (en)  
[origin: EP1657439A1] A sealed type electric compressor includes a control unit including a driving circuit unit in a housing; and a compressor housing including a compressing mechanism and a motor unit driven and controlled by the control unit. The control unit is mounted on the compressor housing, and a first connection portion supported in the housing of the control unit and a second connection portion supported in the compressor housing are engaged with each other to realize an electric and/or a signal connection therebetween.

IPC 8 full level  
**F04B 39/02** (2006.01); **F04B 39/12** (2006.01); **F04B 49/06** (2006.01); **F04B 53/22** (2006.01)

CPC (source: EP)  
**F04B 39/023** (2013.01); **F04B 39/121** (2013.01); **F04B 49/06** (2013.01); **F04B 53/22** (2013.01)

Cited by  
CN107327973A; GB2443421A; GB2443421B; US8167584B2; TWI397632B

Designated contracting state (EPC)  
ES FR IT

DOCDB simple family (publication)  
**EP 1657439 A1 20060517**; **EP 1657439 B1 20070509**; CN 100467868 C 20090311; CN 1773115 A 20060517; ES 2282966 T3 20071016; JP 2006138239 A 20060601; JP 4529648 B2 20100825

DOCDB simple family (application)  
**EP 05024575 A 20051110**; CN 200510120003 A 20051108; ES 05024575 T 20051110; JP 2004327441 A 20041111