

Title (en)  
SEALED TYPE COMPRESSOR

Title (de)  
HERMETISCH GESCHLOSSENER VERDICHTER

Title (fr)  
COMPRESSEUR DE TYPE ETANCHE

Publication  
**EP 1491767 A4 20060118 (EN)**

Application  
**EP 04711475 A 20040216**

Priority  
• JP 2004001608 W 20040216  
• JP 2003088467 A 20030327

Abstract (en)  
[origin: EP1491767A1] A suction muffler (110) is connected to the cylinder head (123) of a cylinder disposed within the sealed vessel which comprises the compressor. A seal section consisting of a flange (118) disposed on the suction muffler and a groove (129) formed in the cylinder head, isolate a resonance chamber (128) from the interior of the sealed vessel to arrest the suction pressure pulsation from leaking into the sealed vessel.

IPC 1-7  
**F04B 39/00**

IPC 8 full level  
**F04B 27/02** (2006.01); **F04B 39/00** (2006.01)

CPC (source: EP US)  
**F04B 39/0061** (2013.01 - EP US); **F04B 39/0072** (2013.01 - EP US)

Citation (search report)  
• [Y] US 4759693 A 19880726 - OUTZEN SVEND E [DK]  
• [A] US 5950307 A 19990914 - LEE SUNG-TAE [KR]  
• [Y] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 12 12 December 2002 (2002-12-12)  
• [Y] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 18 5 June 2001 (2001-06-05)  
• [Y] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 13 5 February 2001 (2001-02-05)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 06 30 April 1998 (1998-04-30)  
• See references of WO 2004085849A1

Cited by  
FR2895037A1; WO2007071665A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1491767 A1 20041229; EP 1491767 A4 20060118; EP 1491767 B1 20070418**; BR PI0403929 A 20050104; CN 100400869 C 20080709; CN 1697931 A 20051116; DE 602004005923 D1 20070531; DE 602004005923 T2 20080117; JP 2004293464 A 20041021; JP 4492032 B2 20100630; MX PA04009433 A 20050125; US 2005207920 A1 20050922; WO 2004085849 A1 20041007

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