

Title (en)  
GASKET FOR COMPRESSOR

Title (de)  
DICHTUNG FÜR EINEN VERDICHTER

Title (fr)  
JOINT POUR UN COMPRESSEUR

Publication  
**EP 1586773 A4 20060524 (EN)**

Application  
**EP 03774014 A 20031113**

Priority  
• JP 0314429 W 20031113  
• JP 2002376860 A 20021226

Abstract (en)  
[origin: EP1586773A1] A gasket (10) used in a compressor in which a gas is force-fed, improve the sealability and contribute stored miniaturization of the compressor. The gasket (10) includes a raised portion (35) rising so as to surround a sealed portion. An end (43) of the raised portion (37) and a base surface (30) of the gasket (10) are not positioned on a single plane. In addition, the raised portion (35) is constituted with a flat surface (40) set at a height different from the height of the base surface (30) and an inclined surface (41) with a predetermined angle of inclination connecting the flat surface (40) with the base surface (30). <IMAGE>

IPC 1-7  
**F04B 39/00**; **F04B 27/08**

IPC 8 full level  
**F04B 27/10** (2006.01); **F04B 39/12** (2006.01)

CPC (source: EP US)  
**F04B 27/1009** (2013.01 - EP US); **F04B 27/1081** (2013.01 - EP US); **F04B 39/125** (2013.01 - EP US)

Citation (search report)  
• [XY] EP 0595313 A1 19940504 - SANDEN CORP [JP]  
• [X] US 5582415 A 19961210 - YOSHIDA YUKIO [JP], et al  
• [A] US 5857839 A 19990112 - FISHER IAN ARTHUR [US], et al  
• [Y] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 07 3 July 2002 (2002-07-03)  
• See references of WO 2004061305A1

Cited by  
EP1795750A1; EP1898089A3

Designated contracting state (EPC)  
DE FR

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**EP 1586773 A1 20051019**; **EP 1586773 A4 20060524**; **EP 1586773 B1 20090916**; DE 60329332 D1 20091029; JP 4573165 B2 20101104;  
JP WO2004061305 A1 20060511; US 2006147330 A1 20060706; WO 2004061305 A1 20040722

DOCDB simple family (application)  
**EP 03774014 A 20031113**; DE 60329332 T 20031113; JP 0314429 W 20031113; JP 2004564471 A 20031113; US 54057805 A 20050624