

Title (en)
COMPRESSOR

Title (de)
VERDICHTER

Title (fr)
COMPRESSEUR

Publication
EP 1357288 A4 20040303 (EN)

Application
EP 01945621 A 20010627

Priority
• JP 0105489 W 20010627
• JP 2000399676 A 20001228

Abstract (en)
[origin: EP1357288A1] A compressor capable of damping the suction pulsation or discharge pulsation thereof with a simple structure, wherein either of a suction chamber and a discharge chamber formed at the center of a rear head is allowed to communicate with a corresponding port through a tunnel-shaped communication path and a muffler space is formed between the tunnel-shaped communication path and a pipe connection part for connecting the port thereto, whereby, when the communication path allows the suction chamber to communicate with the pipe connection part of the suction port, the suction pulsation can be suppressed or prevented and, when the communication path allows the discharge chamber to communicate with the pipe connection part of the discharge port, the discharge pulsation can be prevented. <IMAGE>

IPC 1-7
F04B 27/08

IPC 8 full level
F04B 27/08 (2006.01); **F04B 27/10** (2006.01); **F04B 39/00** (2006.01)

CPC (source: EP US)
F04B 27/1036 (2013.01 - EP US); **F04B 27/1081** (2013.01 - EP US); **F04B 39/0055** (2013.01 - EP US)

Citation (search report)
• [A] US 1972750 A 19340904 - AIKMAN BURTON S
• [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 12 3 January 2001 (2001-01-03)
• [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 02 30 January 1998 (1998-01-30)
• [A] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 08 29 September 1995 (1995-09-29)
• See references of WO 02053913A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1357288 A1 20031029; **EP 1357288 A4 20040303**; JP 2002202054 A 20020719; US 2004052648 A1 20040318; WO 02053913 A1 20020711

DOCDB simple family (application)
EP 01945621 A 20010627; JP 0105489 W 20010627; JP 2000399676 A 20001228; US 45149003 A 20030623