

Title (en)
SEAL STRUCTURE OF COMPRESSOR

Title (de)
DICHTUNGSSTRUKTUR FÜR VERDICHTER

Title (fr)
STRUCTURE ÉTANCHE D'UN COMPRESSEUR

Publication
EP 1775472 A4 20090520 (EN)

Application
EP 05719891 A 20050303

Priority
• JP 2005003587 W 20050303
• JP 2004182065 A 20040621

Abstract (en)
[origin: EP1775472A1] The sealability in a compressor is improved without increasing the number of required parts and the number of assembly steps or increasing the dimensions of the compressor. In the compressor which includes an intake valve 11 and a valve plate 10 disposed adjacent to each other, a seal member 65 is formed through printing as an integrated part at least at either of contact surfaces 11a and 10a of the intake valve 11 and the valve plate 10 respectively. In addition, a lead portion 55 at the intake valve 11 is formed so that the lead portion 55 in a free state leans toward the valve plate 10 by an extent greater than the thickness d1 of the seal member 65 printed at the intake valve 11 and/or the valve plate 10.

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

CPC (source: EP)
F04B 27/1009 (2013.01); **F04B 27/1081** (2013.01); **F04B 39/1066** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
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