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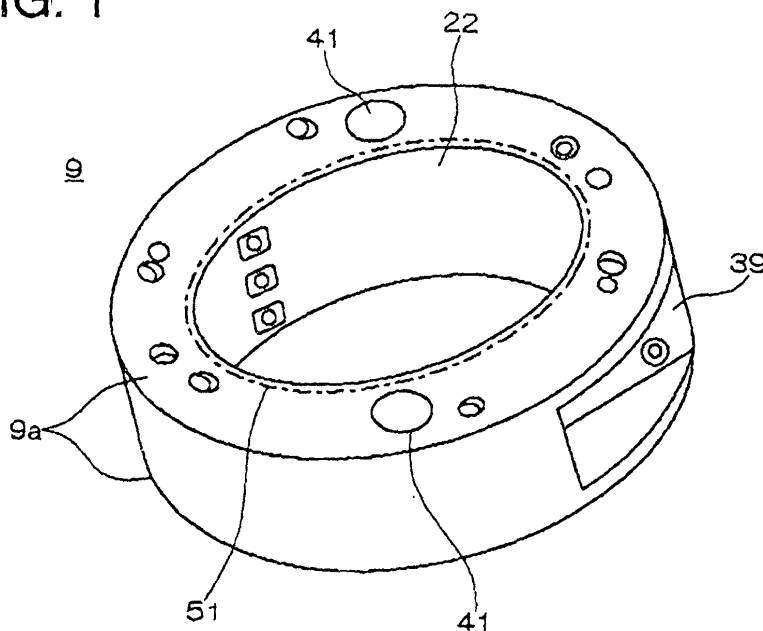
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(54) **Vane compressor**

(57) To provide a gas compressor in which a gas leakage from compression chambers is suppressed to thereby make it possible to enhance compressor characteristics such as a volumetric efficiency, A seal member is interposed between a cylinder of a gas compressor and two side blocks for sealing both end faces of the cylinder, and the seal member is arranged at a position

for separating inside and outside of the cylinder so as to surround an opening of a hollow portion of the cylinder. The end face of the cylinder is brought into intimate contact with the end surface of a rear side block or a front side block. Then, the confronting surfaces of the two members are brought into intimate contact with each other to form a close contact portion.

FIG. 1



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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 7 April 2003	Examiner Dimitroulas, P
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☒ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:



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**LACK OF UNITY OF INVENTION
SHEET B**

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims: 1,4-7

A gas compressor with a first seal means arranged to surround the opening of the hollow portion

2. Claims: 2,3

A gas compressor with a first seal means arranged to surround the opening of the hollow portion and separating the intake portion

3. Claim : 8

A gas compressor with side blocks with fitting projecting portions and seals

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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07-04-2003

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