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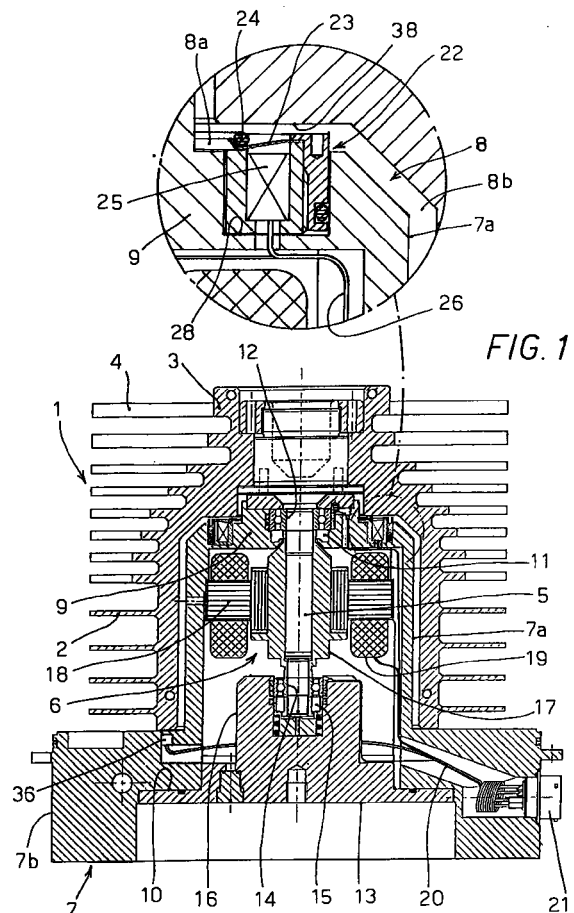
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(54) **Vacuum pump**

(57) The invention relates to a vacuum pump to be operated in presence of corrosive gas, comprising a rotor group (1) and a rotatable unit (6, 12, 14) supporting said rotor group (1), wherein a first portion (8a) and a second portion (8b) are defined, both said portions being accessible to the gas and communicating between each other, and wherein disengageable sealing means (22) are provided for preventing the gas passage from said first portion to said second portion or viceversa when said sealing means (22) are engaged.





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EUROPEAN SEARCH REPORT

Application Number  
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| DOCUMENTS CONSIDERED TO BE RELEVANT   |   |  |  |
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| Category  | Citation of document with indication, where appropriate, of relevant passages   | Relevant to claim  | CLASSIFICATION OF THE APPLICATION (Int.Cl.6) |
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| The present search report has been drawn up for all claims  |   |  | TECHNICAL FIELDS SEARCHED (Int.Cl.6)         |
|   |   |  | F04D   |
| Place of search   | Date of completion of the search  | Examiner   |  |
| THE HAGUE   | 7 July 1999   | Ingelbrecht, P   |  |
| CATEGORY OF CITED DOCUMENTS   |   | T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons |  |
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 97 20 2409

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