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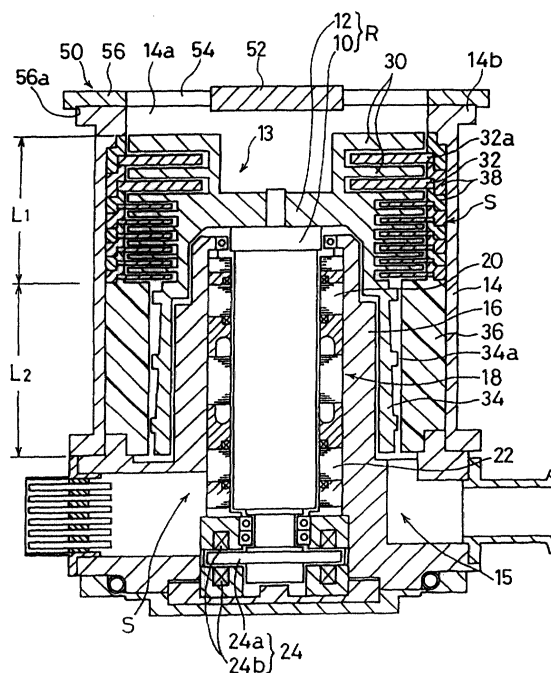
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(54) **Turbo-molecular pump**

(57) A turbo-molecular pump includes a casing having an intake port (14a), a stator (S) fixedly mounted in the casing (14), and a rotor (R) supported in the casing (14) for rotation relatively to the stator. The stator and

the rotor make up a turbine blade pumping section (L1) and a groove pumping section (L2) for evacuating gas. A scattering prevention member (50) is provided for preventing fragments of the rotor (R) from being scattered through the intake port (14a).

FIG. 1



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EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7) F04D
Place of search THE HAGUE		Date of completion of the search 14 January 2002	Examiner Teerling, J
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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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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