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(54) **Variable geometry turbocharger**

(57) A variable geometry turbocharger 1 includes a housing 201; and a link mechanism 202, provided in the housing 201, which controls the orientation of vanes 42 for controlling the flow of exhaust gas. The housing 201 includes a turbine-housing swirl chamber 5 for supplying

the exhaust gas to a turbine; and a link chamber 6 that houses the link mechanism 202. A communication hole 3, which provides communication between the turbine-housing swirl chamber 5 and the link chamber 6, is formed in the housing 201.

FIG. 1A

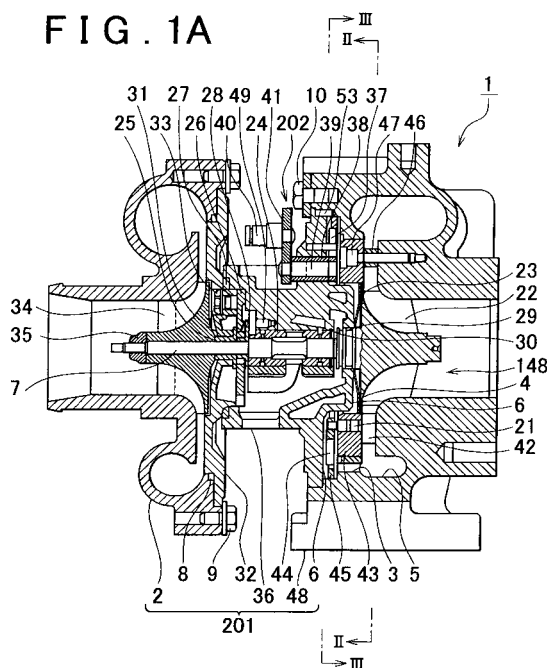
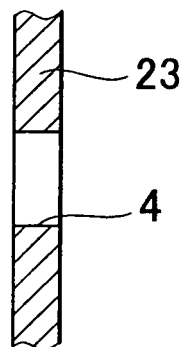


FIG. 1B





EUROPEAN SEARCH REPORT

Application Number
EP 05 02 8189

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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 24 January 2012	Examiner Herbiet, 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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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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