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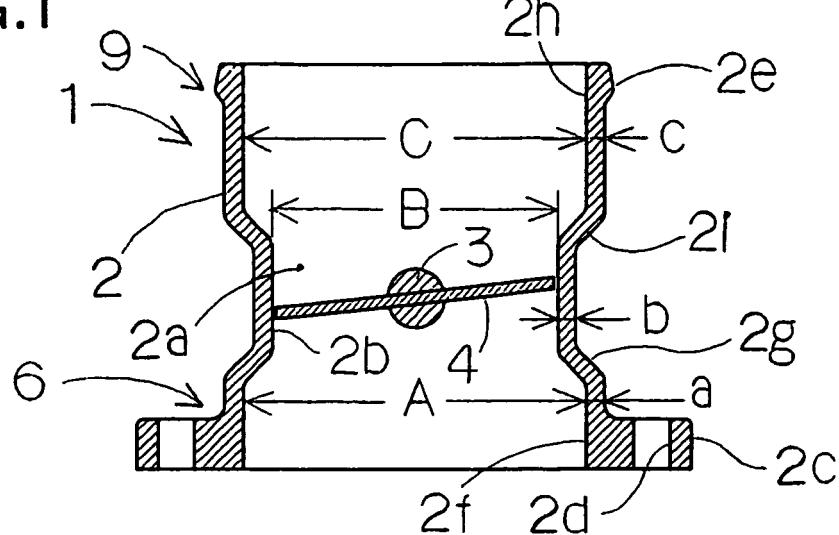
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(54) Intake apparatus for internal-combustion engine

(57) An intake apparatus (1) wherein no excessive stress-induced strain occurs in an intake air measuring portion of a throttle body (2) and hence accurate intake air control can be performed when the amount of intake air is small is provided. An air duct hose-side engagement portion (9) and an intake manifold-side engagement portion (6) of the throttle body are provided with enlarged-diameter portions (C,A), respectively, which have an in-

ner diameter larger than the inner diameter of the intake air measuring portion. The enlarged-diameter portions have a wall thickness (c) smaller than the wall thickness (b) of the measuring portion. Accordingly, strain is absorbed by the enlarged-diameter portions and cannot reach the measuring portion. Therefore, no excessive stress-induced strain occurs in the measuring portion, and accurate intake air control can be performed when the amount of intake air is small.

FIG.1





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The present search report has been drawn up for all claims			
2	Place of search The Hague	Date of completion of the search 19 April 2006	Examiner MARTINEZ CEBOLLADA
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