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(71) Applicant: **ISUZU MOTORS LIMITED**
Shinagawa-ku, Tokyo (JP)

(72) Inventors:
• **Nakagome, Akira**
Fujisawa-shi, Kanagawa-ken (JP)

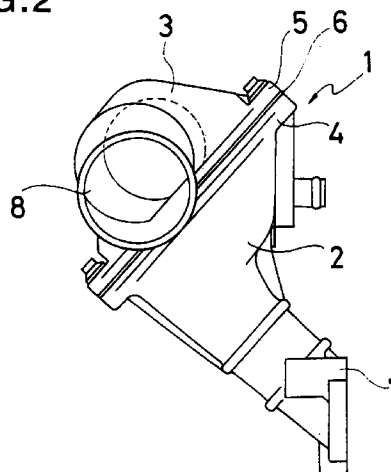
• **Watanabe, Kenji**
Fujisawa-shi, Kanagawa-ken (JP)
• **Nagaoka, Daiji**
Fujisawa-shi, Kanagawa-ken (JP)

(74) Representative:
Weber, Dieter, Dr. et al
Weber, Dieter, Dr.,
Seiffert, Klaus, Dipl.-Phys.,
Lieke, Winfried, Dr.,
Gustav-Freytag-Strasse 25
65189 Wiesbaden (DE)

(54) **Intake chamber**

(57) This invention provides an intake chamber (1) interposed between an intake port connected to each cylinder of a multiple-cylinder engine and an intake pipe. The intake chamber (1) comprises a first chamber (2) integrally formed with a manifold (7) and a second chamber (3) for connecting the intake pipe. Flanges (4 and 5) are disposed at openings of the first and second chambers (2 and 3), respectively, so that they can be joined to each other, and clamp a reinforcing plate (6) between them. This reinforcing plate (6) has a communication hole (6d) which allows communication between the first and second chamber rooms (2a and 3a).

FIG.2



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	DE 44 03 219 A (MERCEDES-BENZ) * column 2, line 22 - line 31 * * column 3, line 28 - line 38 * * column 3, line 46 - line 49; claims 1,3; figure 3 *	1,3	F02M35/10
A	DE 27 02 160 A (VW) * page 4, paragraph 2 * * page 6, line 29 - page 7, line 3; figure 1 *	1	
A	US 4 794 885 A (HONDA) * column 2, line 30 - line 32 * * column 3, line 14 - line 16 * * column 4, line 14 - line 20; figure 1 *	1	
A	FR 2 177 892 A (DAIMLER-BENZ)		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			F02M
Place of search	Date of completion of the search	Examiner	
THE HAGUE	7 October 1997	Joris, J	
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> <p>& : member of the same patent family, corresponding document</p>			

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