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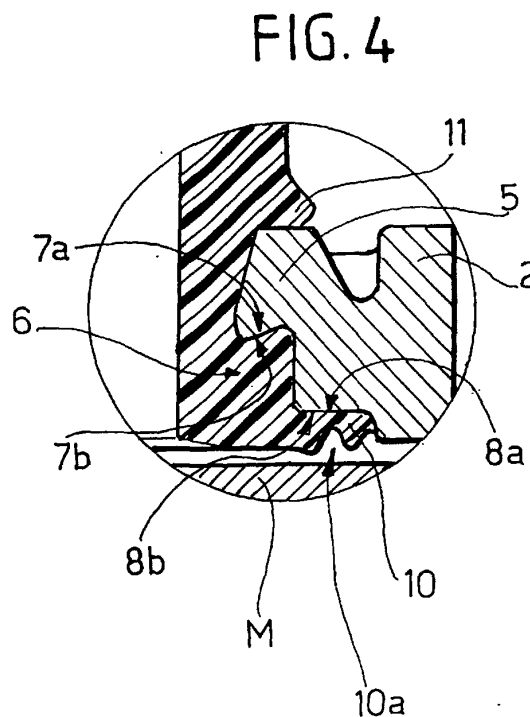
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(54) **Manifold, for instance intake manifold for motorcycle engines**

(57) The manifold (1) comprises a flange (2) and a tube-like elastic part (4) made of elastomeric material, which are connected to one another without using adhesives. The function of mechanical connection of the two components (2, 4) is separate from the function of gas and liquid tightness. The flange (2) and the tube-like elastic part (4) are provided with complementary formations (5, 6) defining a first step-like part (7a, 7b) which ensures stable connection between the two components (2, 4) in conditions of mutual clamping. The same complementary formations then define together a second step-like part (8a, 8b) which confers the necessary preloading on a seal lip (10) of the tube-like part (4) of the manifold. A further step (11) ensures connection of the two components (2, 4) during storage and handing of the manifold.



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# EUROPEAN SEARCH REPORT

Application Number  
EP 01 83 0578

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.7)		
X	FR 2 724 419 A (RENAULT) 15 March 1996 (1996-03-15)  * figures 1-3 * * abstract * * claims 1-7 *	1-3, 10, 13-15, 19, 21-24	F02M35/104		
A	DE 28 52 856 A (CONTINENTAL GUMMI WERKE AG) 19 June 1980 (1980-06-19) * figures 1-4 * * claims 1-8 * * page 4, paragraph 1 *	1-3, 14-24			
A	US 4 366 842 A (PEAVY BENJAMIN W ET AL) 4 January 1983 (1983-01-04) * figure 1 * * abstract * * claims 1-3 * * column 2, line 1 - line 60 * * column 3, line 1 - line 32 *	1-3, 12-24			
A	DE 195 03 346 A (PUSPAS ARMATUREN GMBH) 8 August 1996 (1996-08-08) * figures 1-5 * * abstract * * column 7, line 1 - line 56; claims 1-22 *	1-3	<table border="1"> <thead> <tr> <th>TECHNICAL FIELDS SEARCHED (Int.Cl.7)</th> </tr> </thead> <tbody> <tr> <td>F02B F02M F16L F01L</td> </tr> </tbody> </table>	TECHNICAL FIELDS SEARCHED (Int.Cl.7)	F02B F02M F16L F01L
TECHNICAL FIELDS SEARCHED (Int.Cl.7)					
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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 12 November 2003	Examiner Wassenaar, G		
<b>CATEGORY OF CITED DOCUMENTS</b> 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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