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54 **Carburetor assembly.**

57 A carburetor assembly which has a body (12) formed of extruded aluminum and a plastic fuel bowl assembly (14) secured to the body by means of a resilient spring clip (16). A gasket (13) is located between the body and the fuel bowl. The fuel bowl is molded of plastic and includes an integral well (68), and a mixing screw housing as well as a primer housing. A plastic nozzle (18) extends from the well through the venturi insert into a through passage (20) in the body. The venturi insert (22) is made of plastic material and includes molded grooves (28, 30) therein which form passages with the through passage of the body. The nozzle is resiliently urged against the gasket and the body by means of a spring (70) located in the well thereby sealing the nozzle to the body.

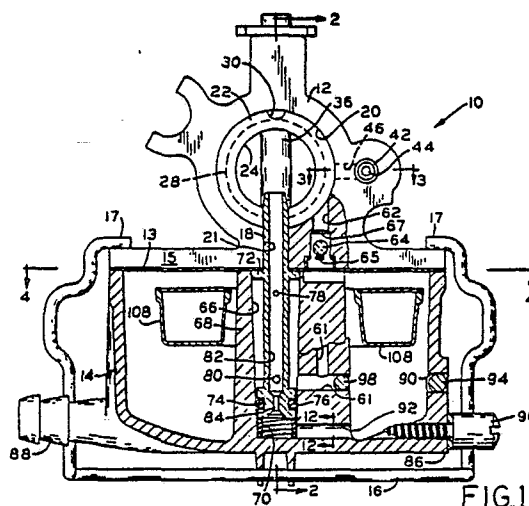


FIG.1

EP 0 367 263 A3



EP 89 12 0303

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.5)
P,X	US-A-4864705 (GUNTLY) * the whole document *	1-8	F02M17/42 F02M17/40
A	FR-A-563330 (BOREL) * page 1, line 32 - page 1, line 55; figures 1-3 *	1	
A	US-A-3231250 (KALERT) * column 1, line 50 - column 1, line 62; figures 2, 5, 6 *	1	
A	GB-A-900443 (ACF INDUSTRIES) * page 2, line 14 - page 2, line 35 * * page 2, line 70 - page 2, line 97; figures 1-3 *	1	
A	EP-A-22688 (GACHOT) * abstract; figures 1-5 *	1	
A	AUTOMOTIVE ENGINEERING. vol. 91, no. 3, March 1983, WARRENDALE US pages 25 - 29; K. W. NELSON: "Engineering plastics can cut fuel system cost" * page 28; figure 3 * * page 29, middle column, lines 4-7 *	1, 3	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	US-A-2701709 (BRUNNER) * column 2, line 11 - column 2, line 14 * * column 2, line 23 - column 2, line 27; figure 1 *	1, 5	F02M B23P
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14 MAY 1990	Examiner LEFEBVRE L.J.F.
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	