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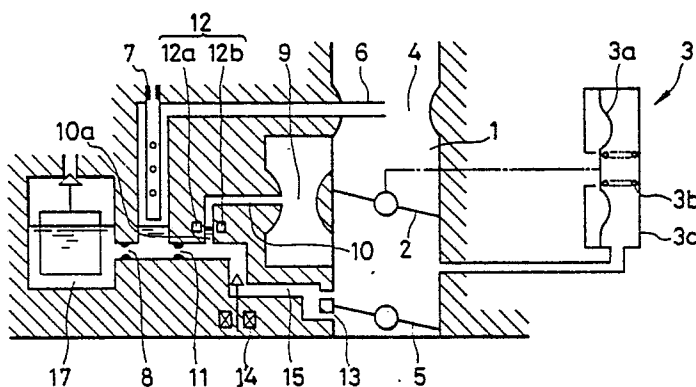
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Low-speed fuel control system for carburetors.

A carburetor comprising a vacuum passageway (10a) connecting a low-speed system venturi (9) with a slow jet (11); a level detecting means (12) capable of detecting whether or not the level of a fuel column to be defined in the vacuum passageway (10a) is higher than a predetermined position; and a solenoid valve (14) capable of switching over the opening degree of a low-speed fuel passageway (15) in response to an output delivered from the level detecting means, in which a flow rate of fuel flowing through the low-speed fuel passageway (15) is controlled so that the level of the fuel column is held at a predetermined position and thereby the fuel having the flow rate suitable for a flow rate of suction air passing through the low-speed system venturi (9) is supplied to an intake bore.

FIG. 2



EP 0 255 952 A3



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.4)
P,D X	EP-A-0 207 796 (MIKUNI KOGYO) * page 15, line 20 - page 20, line 15; figures 6-10 *	1-8	F 02 M 3/08
D,A	US-A-4 201 166 (NISHIMURA et al.) * column 3, line 53 - column 4, line 31; figure 2 *	1	
A	PATENT ABSTRACTS OF JAPAN, vol. 6, no. 220, 5th November 1982; & JP - A - 57 124 062 (AISAN KOGYO) 02-08-1982	1	
A	DE-A-2 910 605 (PIERBURG) * page 7, line 26 - page 8, line 20; figure 1 *	4	
A	PATENT ABSTRACTS OF JAPAN, vol. 5, no. 105, 8th July 1981; & JP - A - 56 47649 (AISAN KOGYO) 30-04-1981	1	
A	PATENT ABSTRACTS OF JAPAN, vol. 9, no. 172, 17th July 1985; & JP - A - 60 43160 (AISAN KOGYO) 07-03-1985	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F 02 D 35/00 F 02 M 3/00 F 02 M 7/00 F 02 M 17/00 F 02 M 19/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 20-04-1988	Examiner NORDSTROEM U. L. N.
CATEGORY OF CITED DOCUMENTS		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	
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			