

12

EUROPEAN PATENT APPLICATION

②¹ Application number: 87114470.5

Ⓢ Int. Cl.4: **F02M 7/12** , **F02M 17/02** ,
F02M 3/08

②② Date of filing: 03.10.87

③ Priority: 06.10.86 JP 153596/86

④³ Date of publication of application:
13.04.88 Bulletin 88/15

⑧ Designated Contracting States:
DE FR GB IT

Ⓢ Date of deferred publication of the search report:
28.06.89 Bulletin 89/26

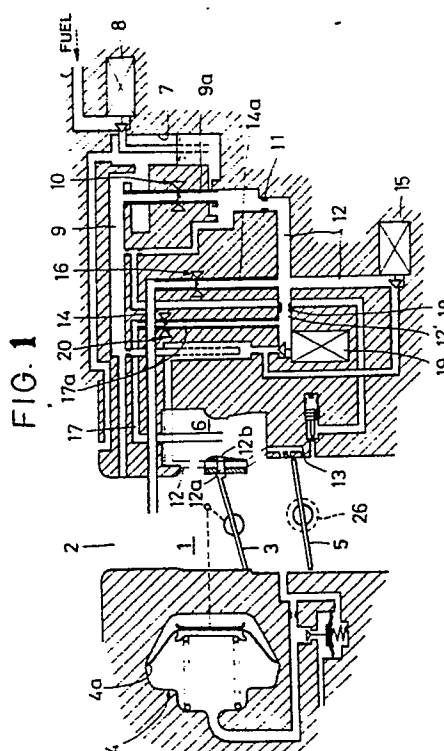
⑦ Applicant: **MIKUNI KOGYO KABUSHIKI KAISHA**
13-11, Sotokanda 6-chome
Chiyoda-ku Tokyo (JP)

(72) Inventor: Sekiya, Mitsuru
Kuno 2480
Odawara-shi Kanagawa-ken(JP)
Inventor: Muraji, Tetsuo
Kuno 2480
Odawara-shi Kanagawa-ken(JP)

74 Representative: **Dipl.-Ing. H. Marsch Dipl.-Ing.
K. Sparing Dipl.-Phys.Dr. W.H. Röhl**
Patentanwälte
Rethelstrasse 123
D-4000 Düsseldorf 1(DE)

⑤4 Fuel supply device for carburetors.

57) A fuel supply device for carburetors in which a first level sensor (10) for maintaining a reference fuel liquid level in a fuel chamber (7) is provided separate from the fuel chamber; a second level sensor (20) used to maintain properly a fuel flow rate in a slow operation zone (6) and a third level sensor (16) used to maintain properly a fuel flow rate in a main operation zone (1) are arranged close by the first level sensor; and a mixture with a proper air-fuel ratio can always be supplied to an engine even if the fuel liquid level in the fuel chamber fluctuates and the entire carburetor inclines, without being affected thereby.





EP 87 11 4470

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 A	EP-A-0 207 796 (MIKUNI KOGYO) * Page 15, line 20 - page 16, line 11; figure 6 * ---	1,2	F 02 M 7/12 F 02 M 17/02 F 02 M 3/08
A	DE-A-2 910 605 (PIERBURG) * Page 7, line 26; page 8, line 20; figure 1 * ---	1	
A	US-A-4 325 894 (DATE et al.) * Column 2, line 66; column 3, line 5; figure 4 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F 02 M
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 04-04-1989	Examiner ALCONCHEL Y UNGRIA J.A.
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			