United States Patent [19]

Robinson

[11] **4,003,969**

[45] **Jan. 18, 1977**

[54] **CARBURETOR SYSTEM FOR INTERNAL COMBUSTION ENGINE**

[76] Inventor: **William C. Robinson,** 5720 W. Rosewood Lane, Phoenix, Ariz. 85031

[22] Filed: **Aug. 7, 1975**

[21] Appl. No.: **602,690**

[52] **U.S. Cl.** ..... **261/145;** 261/18 A; 261/30; 123/25 B; 123/133

[51] **Int. Cl.²** **F02M 25/02**

[58] **Field of Search** ..... 261/18 A, 145, 30; 123/133, 135, 25 B, 25 D

[56] **References Cited**

UNITED STATES PATENTS

1,088,749	3/1914	Underwood	123/133
1,147,608	7/1915	Clark	123/133
1,339,465	5/1920	Luke	123/133
1,611,530	12/1926	Judia	261/18 A
1,690,962	11/1928	Allen	261/18 A
1,790,991	2/1931	Marquette	261/18 A
2,312,151	2/1943	Crabtree et al.	123/133
2,742,886	4/1956	McPherson	261/30
3,237,926	3/1966	Bickhaus et al.	261/16
3,615,074	10/1971	Cook	261/18 A

FOREIGN PATENTS OR APPLICATIONS

31,490	1/1908	Sweden	261/18 A

Primary Examiner—Tim R. Miles
Attorney, Agent, or Firm—Warren F. B. Lindsley

[57] **ABSTRACT**

A carburetor system for a gasoline engine wherein the carburetor functions are accomplished through evaporation in a chamber external to the carburetor with additional benefits afforded through the use of a humidification chamber, the total process utilizing captured exhaust gases from the automobile exhaust manifold.

4 Claims, 1 Drawing Figure