

Title (en)
CARBURETER WITH AN AUTOMATIC CHOKING DEVICE

Publication
EP 0170595 B1 19880511 (FR)

Application
EP 85401595 A 19850805

Priority
FR 8412350 A 19840803

Abstract (en)
[origin: ES8607479A1] A carburetor is provided with an automatic starting device, more especially for motor car engines, comprising a butterfly valve controlled by the driver and -for starting up and cold running of the engine- an automatic starting device. This device comprises a start air valve (choke) and a wax capsule which controls the position of the air valve and the minimum opening position of the butterfly valve. The wax capsule is provided with a heating resistor and a temperature sensor. The starting device further comprises a computer having inputs connected to the temperature sensor and to sensors supplying signals representative of the operating conditions of the engine. It controls the electric power applied to the heating resistor. The computer imposes on the butterfly valve and on the air valve a degree of opening which depends, on the one hand, on the temperature sensitive element during start up of the engine and, on the other hand, on the number of revolutions effected by this latter from start up.

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F02M 1/12

IPC 8 full level
F02M 1/10 (2006.01); **F02M 1/12** (2006.01)

CPC (source: EP US)
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