

Title (en)

SET FOR FEEDING A MIXTURE-COMPRESSING ENGINE DURING PARTICULAR STAGES OF FUNCTIONING

Publication

**EP 0361599 A3 19900620 (FR)**

Application

**EP 89202377 A 19890921**

Priority

IT 6787588 A 19880930

Abstract (en)

[origin: EP0361599A2] A set intended for feeding a mixture-compressing engine under special minimum operating conditions in the starting period, as a brake motor and/or during acceleration, comprising: a main air intake (1-3) in the form of a Venturi tube of restricted cross-section (2), intended to be connected to a suction pipe (C) downstream of the carburettor shutter; an injection nozzle (5-20) for feeding during the minimum operating mode, comprising at least one separate air intake (14) and opening into the restricted cross-section (2) of the main air intake (1-3); an injection nozzle (21-36) for operation during the starting period, comprising at least one separate air intake (30) and opening into the main air intake downstream (3) of its restricted cross-section (2); and two solenoid valves (EM,ES) arranged to intercept the two injection nozzles respectively and independently on command. Both of the injection nozzles each comprise a vertical tube (9, 26) immersed in the constant-level petrol reservoir of the carburettor and equipped with a petrol spray nozzle (38, 41) and this tube is subdivided by a dividing wall (10, 27) over some of its height in order to define a cross-section (13, 29) communicating with the separate air intake (14, 30) of the injection nozzle. <IMAGE>

IPC 1-7

**F02M 3/12**; **F02M 1/04**

IPC 8 full level

**F02M 7/00** (2006.01); **F02M 1/04** (2006.01); **F02M 3/09** (2006.01); **F02M 7/12** (2006.01)

CPC (source: EP US)

**F02M 1/04** (2013.01 - EP US); **F02M 3/09** (2013.01 - EP US); **Y10S 261/19** (2013.01 - EP US); **Y10S 261/74** (2013.01 - EP US)

Citation (search report)

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- [A] US 4329964 A 19820518 - MORRIS GEORGE Q
- [A] GB 2041089 A 19800903 - HONDA MOTOR CO LTD

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