

Title (en)

VALVE ARRANGEMENT FOR CONTROLLING THE IDLING SPEED OF AN INTERNAL-COMBUSTION ENGINE

Publication

EP 0153962 B1 19880713 (DE)

Application

EP 83112875 A 19831221

Priority

DE 3328960 A 19830811

Abstract (en)

[origin: US4541379A] A valve arrangement for regulating the idling speed of internal combustion engines by control of the quantity of air on the intake side of an intake manifold 1 leading to the combustion engine. It has an electromagnetic control member which has a solenoid 7 by which a closure member 4 is movable, via a control element, against the force of a return spring 8. A valve 11 which can be opened in the closed position of the closure member 4 is arranged within a connection 10 of given cross section from the inlet side to the outlet side of the closure member 4.

IPC 1-7

F02M 3/07

IPC 8 full level

F02M 3/07 (2006.01)

CPC (source: EP US)

F02M 3/075 (2013.01 - EP US)

Cited by

FR2695961A1; US5325830A; FR2695962A1; US5307774A; WO8809434A1; WO8809435A1

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