

Title (en)

CIRCUIT FOR CONTROLLING AT LEAST ONE ELECTROMECHANICALLY ACTUATED INLET AND OUTLET VALVE OF AN INTERNAL COMBUSTION ENGINE

Title (de)

SCHALTUNG ZUR STEUERUNG MINDESTENS EINES JEWEILS ELEKTROMECHANISCH BETÄTIGTEN EIN- UND AUSLASSVENTILS EINER BRENNKRAFTMASCHINE

Title (fr)

CIRCUIT DESTINE A LA COMMANDE AU MOINS D'UNE SOUPAPE D'ADMISSION ET D'EVACUATION D'UN MOTEUR A COMBUSTION INTERNE, RESPECTIVEMENT ACTIONNEE PAR VOIE ELECTROMECHANIQUE

Publication

**EP 1171702 B1 20040721 (DE)**

Application

**EP 00936636 A 20000420**

Priority

- DE 0001250 W 20000420
- DE 19918095 A 19990421

Abstract (en)

[origin: DE19918095C1] The circuit includes at least one set-down controller (2,3) with an output stage for each electromagnet of the valves (5,6), for controlling the valves based on time control signals. The current flowing in the electromagnets is controlled according to valve position signals. A digital communication computer (1) evaluates a crank-shaft position signal, exchanges data with an engine operation controller (9) via a communication link (8), and produces the time control signals for the set-down controller based on the crank-shaft position signal and the data received from the engine operation controller.

IPC 1-7

**F02D 41/20**; F01L 9/04

IPC 8 full level

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CPC (source: EP US)

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