

Title (en)

CIRCUIT FOR REGULATING THE HIGH-VOLTAGE SUPPLY OF AN ELECTROSTATIC FILTER

Publication

EP 0233191 B1 19890823 (DE)

Application

EP 86902787 A 19860430

Priority

DE 3531025 A 19850830

Abstract (en)

[origin: WO8701306A1] Circuit for regulating the high-voltage supply of an electrostatic filter for internal combustion engines, in which the high-voltage end stage (2) is controlled by a pulse width modulator (3). The high-voltage end stage (2) comprises a diode blocking oscillator-type converter which on the output side supplies an output voltage (UA) of several kV. The pulse-width repetition rate of the output voltage (UA) is modified as a function of the output current or output voltage, and taking into account a maximum permissible power. In this way the soot filter (1) can always work in an optimum operating range.

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IPC 8 full level

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