

Title (en)

PULSE WIDTH MODULATION POWER CIRCUIT.

Title (de)

LEISTUNGSSCHALTUNG FÜR PULSWEITENMODULATION.

Title (fr)

CIRCUIT DE PUISSANCE A MODULATION DE LARGEUR D'IMPULSIONS.

Publication

EP 0576668 A4 19941109

Application

EP 93904552 A 19930121

Priority

- US 9300523 W 19930121
- US 82274792 A 19920121

Abstract (en)

[origin: WO9314559A1] A pulse width modulation speed control for a d.c. motor (12). A control input (26) corresponding to a motorist setting or a sensed condition is coupled to pulse width modulation circuit (16) that generates a variable duty cycle signal. The signal is used to adjust the speed of the motor. Auxiliary sensing of the motor's operating condition, such as current sensing, automatically shuts down the motor.

IPC 1-7

H02P 5/17; **H02P 7/29**

IPC 8 full level

G05D 23/19 (2006.01); **H02P 7/29** (2006.01)

CPC (source: EP)

G05D 23/1913 (2013.01); **H02P 7/2913** (2013.01)

Citation (search report)

- [X] EP 0240172 A2 19871007 - GEN MOTORS CORP [US]
- [X] US 4706180 A 19871110 - WILLS FRANK E [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 383 (E - 811) 24 August 1989 (1989-08-24)
- [A] PATENT ABSTRACTS OF JAPAN vol. 14, no. 425 (E - 0977) 13 September 1990 (1990-09-13)
- See references of WO 9314559A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

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