

Title (en)

Current control device for an electrical engine starter motor and starter motor having such a device

Title (de)

Speisungsregelvorrichtung für elektrischen Anlassermotor für Verbrennungsmotor und Anlasser mit solcher Vorrichtung

Title (fr)

Dispositif pour la commande de l'alimentation d'un moteur électrique de démarreur de véhicule et démarreur comportant un tel dispositif

Publication

EP 0987434 B1 20050216 (FR)

Application

EP 99402249 A 19990914

Priority

FR 9811550 A 19980916

Abstract (en)

[origin: EP0987434A1] The starter module (D) includes a motor (M) with one terminal connected to earth and the other terminal connected to the positive terminal (B+) of the battery via a MOSFET (Metal Oxide Semiconductor Field Effect Transistor) (T2). A further MOSFET (T1) is connected in parallel with the motor transistor, with a connection to earth via a coil (B). A first terminal (e1) on a microcontroller (2) is connected to the positive terminal of the battery, and a second terminal is connected to the positive terminal and the emitters of the two transistors. The sources of the two transistors are connected to two terminals (s1,s2) on the microcontroller and the drains may be connected to further terminals (e3,e4).

IPC 1-7

F02N 11/08

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

FR2925436A1; EP2991225A1; FR3025374A1; EP1378661A1; FR2843782A1; US6531787B2; WO0196735A1; WO2009083380A1

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