

Title (en)

Method and device for the alimentation control of a bobbin for a contactor of an automotive vehicle starter

Title (de)

Verfahren und Vorrichtung zur Steuerung des Stromzufuhrs einer Schalterwicklung für Kraftfahrzeuganlasser

Title (fr)

Procédé et dispositif pour la commande de l'alimentation du bobinage d'un contacteur de démarreur de véhicule automobile

Publication

EP 0921305 B1 20030409 (FR)

Application

EP 98403004 A 19981201

Priority

FR 9715222 A 19971203

Abstract (en)

[origin: EP0921305A2] The solenoid is supplied in a closure mode and a maintenance mode. The current is reduced in maintenance mode. A voltage corresponding to the supply voltage to the starter motor is measured, and when this voltage falls in response to closure of the starter solenoid, the current supply is reduced to maintenance mode level for a predetermined time.

IPC 1-7

F02N 11/08

IPC 8 full level

F02N 11/08 (2006.01)

CPC (source: EP US)

F02N 11/08 (2013.01 - EP US); **F02N 11/0859** (2013.01 - EP US); **F02N 11/087** (2013.01 - EP US); **F02N 2200/063** (2013.01 - EP US)

Cited by

KR100714538B1; FR2913727A1; FR2802981A1; US6708429B1; WO2008122731A1; WO0148372A1

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 0921305 A2 19990609; **EP 0921305 A3 19990616**; **EP 0921305 B1 20030409**; BR 9805083 A 19991214; DE 69813157 D1 20030515; DE 69813157 T2 20031120; ES 2197438 T3 20040101; FR 2771780 A1 19990604; FR 2771780 B1 20000218; US 6176212 B1 20010123

DOCDB simple family (application)

EP 98403004 A 19981201; BR 9805083 A 19981202; DE 69813157 T 19981201; ES 98403004 T 19981201; FR 9715222 A 19971203; US 20483698 A 19981203