

Title (en)

MOTOR VEHICLE ENERGY MANAGEMENT COMPRISING A SUPPLEMENTARY STARTER DIAGNOSTIC FUNCTION

Title (de)

KFZ-ENERGIE MANAGEMENT MIT ZUSATZFUNKTIONALITÄT STARTERDIAGNOSE

Title (fr)

GESTION D'ENERGIE DE VEHICULES A MOTEUR AVEC UNE FONCTION SUPPLEMENTAIRE CONCERNANT LE DIAGNOSTIC DU DEMARREUR

Publication

EP 1763632 A1 20070321 (DE)

Application

EP 05749657 A 20050510

Priority

- EP 2005052093 W 20050510
- DE 102004031306 A 20040629

Abstract (en)

[origin: WO2006000496A1] The invention relates to a diagnostic device for the starter (5) of an internal combustion engine (1). The electrical system of a motor vehicle comprises a battery (7), whose connection line contains a battery isolator (9). The electrical system of the motor vehicle is monitored by an electrical system state recognition device (10), which includes starter diagnostic functionality (15).

IPC 8 full level

B60R 16/04 (2006.01); **F02N 11/08** (2006.01); **F02N 99/00** (2010.01); **G01R 31/34** (2006.01); **F02N 11/10** (2006.01)

CPC (source: EP US)

F02N 11/08 (2013.01 - EP US); **F02N 11/10** (2013.01 - EP US); **F02N 2200/044** (2013.01 - EP US); **F02N 2200/062** (2013.01 - EP US)

Citation (search report)

See references of WO 2006000496A1

Designated contracting state (EPC)

DE FR IT SE

DOCDB simple family (publication)

DE 102004031306 A1 20060119; EP 1763632 A1 20070321; US 2009217897 A1 20090903; US 8272360 B2 20120925;
WO 2006000496 A1 20060105

DOCDB simple family (application)

DE 102004031306 A 20040629; EP 05749657 A 20050510; EP 2005052093 W 20050510; US 63104105 A 20050510