Title (en)
DIAGNOSIS OF STARTER MOTOR

Title (de)
DIAGNOSE EINES ANLASSERS

Title (fr)
DIAGNOSTIC DE DÉMARREUR

Publication
EP 2812564 A4 20171025 (EN)

Application
EP 13746140 A 20130122

Priority
- SE 1250086 A 20120207
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Abstract (en)
[origin: WO2013119168A1] A combustion engine (120) in a vehicle is started by means of an electric starter motor (110) which is diagnosed via measuring means (130, 140), a temperature measurement means (150) and a processor (160). The measuring means (130, 140) are configured to measure technical magnitudes related to the vehicle but representing only a supply voltage (U) to the starter motor and a rotation speed (RPM) of the engine (120). The temperature measurement means (150) is configured to measure at least one temperature (T) related to the vehicle. The processor (160) is configured to determine for the starter motor (110) a status indicator (S) which serves as a measure of the quality of the starter motor's performance. The status indicator (S) is based on the measured technical magnitudes and the at least one temperature (T) related to the vehicle.

IPC 8 full level
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Citation (search report)
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- [I] US 2007227237 A1 20071004 - BROTT ALEJANDRO P [US], et al
- [IA] US 2009309530 A1 20091217 - SHIN KWANG-KEUN [US]
- [A] DE 102006039112 A1 20080228 - BOSCH GMBH ROBERT [DE]
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- See references of WO 2013119168A1

Designated contracting state (EPC)
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