

Title (en)  
DIAGNOSTICS FOR A START SYSTEM

Title (de)  
DIAGNOSTIK FÜR EIN STARTSYSTEM

Title (fr)  
DIAGNOSTIC POUR UN SYSTÈME DE DÉMARRAGE

Publication  
**EP 2875234 A1 20150527 (EN)**

Application  
**EP 13806278 A 20130612**

Priority  
• SE 1250655 A 20120619  
• SE 2013050677 W 20130612

Abstract (en)  
[origin: WO2013191617A1] A combustion engine (120) in a vehicle is started by means of a start system including an electric starter motor (110). The function of the start system is evaluated by means of a test system comprising measuring elements, a starter motor analyzer (160) and a control unit (170). The measuring elements measure a supply voltage to the electric starter motor (110) and an rpm of the combustion engine (120) when the starter motor (110) is activated. The starter motor analyzer (160) defines, based on the supply voltage and the rpm, a preliminary status (S) of the start system. Based on the preliminary status (S), the control unit (170) evaluates whether information in addition to the supply voltage and the rpm is needed. If such is the case, an interactive communication process is executed wherein an operator (OP) is called upon to input information (OPInp) to the control unit (170) in at least one process step. An expanded status message (TR) that defines a functional status for the start system is generated by the control unit (170) on the basis of the interactive communication process.

IPC 8 full level  
**F02N 11/10** (2006.01); **B60W 50/14** (2012.01); **G01R 31/34** (2006.01)

CPC (source: CN EP RU SE)  
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Cited by  
US11892369B2

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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