

Title (en)

METHOD FOR WARNING OF A RISK OF STALLING IN A HEAT ENGINE

Title (de)

VERFAHREN ZUR WARNUNG VOR EINEM RISIKO DES ABWÜRGENS IN EINER WÄRMEKRAFTMASCHINE

Title (fr)

PROCEDE D'ALERTE D'UN RISQUE DE CALAGE DE MOTEUR THERMIQUE

Publication

**EP 4281661 A1 20231129 (FR)**

Application

**EP 21824630 A 20211130**

Priority

- FR 2100515 A 20210120
- FR 2021052134 W 20211130

Abstract (en)

[origin: WO2022157428A1] The invention relates to a method for warning of a risk of stalling in a heat engine (13) of a motor vehicle, comprising a step of calculating, as a function of driving parameters and external environment parameters, a critical speed threshold (S<sub>vc</sub>) and/or a critical engine speed threshold (S<sub>rc</sub>), a step of estimating a critical duration at the end of which the critical speed threshold (S<sub>vc</sub>) and/or the critical engine speed threshold (S<sub>rc</sub>) will be reached, and a step of outputting a warning signal for a driver when the critical duration becomes less than a parametrizable time threshold so that the driver has enough time to disengage the clutch.

IPC 8 full level

**F02D 41/02** (2006.01); **B60W 30/184** (2012.01); **B60W 50/14** (2020.01); **F02D 41/12** (2006.01); **F02D 41/16** (2006.01); **F02D 41/22** (2006.01)

CPC (source: EP)

**F02D 41/021** (2013.01); **F02D 41/12** (2013.01); **F02D 41/16** (2013.01); **F02D 41/22** (2013.01); **F02D 2041/228** (2013.01); **F02D 2200/501** (2013.01)

Citation (search report)

See references of WO 2022157428A1

Designated contracting state (EPC)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**FR 3118996 A1 20220722**; **FR 3118996 B1 20221202**; CN 117043456 A 20231110; EP 4281661 A1 20231129; WO 2022157428 A1 20220728

DOCDB simple family (application)

**FR 2100515 A 20210120**; CN 202180096029 A 20211130; EP 21824630 A 20211130; FR 2021052134 W 20211130