

Title (en)

METHOD FOR DRIVING AN INTERNAL COMBUSTION ENGINE IN A VEHICLE, ESPECIALLY A MOTOR VEHICLE, AND STARTER UNIT FOR THE IMPLEMENTATION THEREOF

Title (de)

ANLASSVERFAHREN FÜR DEN VERBRENNUNGSMOTOR EINES KRAFTFAHRZEUGES UND ANLASSVORRICHTUNG ZUR AUSFÜHRUNG DIESES VERFAHRENS

Title (fr)

PROCEDE POUR L'ENTRAINEMENT D'UN MOTEUR THERMIQUE DE VEHICULE, NOTAMMENT AUTOMOBILE, ET ENSEMBLE FORMANT DEMARREUR POUR SA MISE EN OEUVRE

Publication

**EP 1161629 A1 20011212 (FR)**

Application

**EP 01903902 A 20010110**

Priority

- FR 0100061 W 20010110
- FR 0000334 A 20000112

Abstract (en)

[origin: FR2803633A1] A method for driving an internal combustion engine in a vehicle, especially a motor vehicle, by means of a starter unit. Said starter unit drives the internal combustion engine according to at least two successive modes corresponding to various characteristic speed/ torque curves. A first mode enables high torque for low speeds. A second mode enables speeds which are higher than the first mode for lower torques. The first mode has a characteristic curve with a higher drive speed than when the characteristic curve of the second mode is used.

IPC 1-7

**F02N 11/08**

IPC 8 full level

**F02N 11/08** (2006.01)

CPC (source: EP KR)

**F02N 11/08** (2013.01 - EP KR); **F02D 2400/18** (2013.01 - EP); **F02N 11/087** (2013.01 - EP); **F02N 2200/022** (2013.01 - EP); **F02N 2200/045** (2013.01 - EP); **F02N 2200/063** (2013.01 - EP); **F02N 2300/102** (2013.01 - EP); **F02N 2300/104** (2013.01 - EP)

Citation (search report)

See references of WO 0151807A1

Cited by

EP2354533A3

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

**FR 2803633 A1 20010713**; **FR 2803633 B1 20020719**; DE 60109089 D1 20050407; DE 60109089 T2 20060413; EP 1161629 A1 20011212; EP 1161629 B1 20050302; ES 2239120 T3 20050916; KR 100726471 B1 20070611; KR 20020005616 A 20020117; WO 0151807 A1 20010719

DOCDB simple family (application)

**FR 0000334 A 20000112**; DE 60109089 T 20010110; EP 01903902 A 20010110; ES 01903902 T 20010110; FR 0100061 W 20010110; KR 20017011536 A 20010911