

Title (en)

Method and apparatus for controlling a combustion engine

Title (de)

Verfahren und Vorrichtung zur Steuerung einer Brennkraftmaschine

Title (fr)

Méthode et appareil de contrôle d'un moteur à combustion

Publication

**EP 1793106 A1 20070606 (EN)**

Application

**EP 05026065 A 20051130**

Priority

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Abstract (en)

The invention proposes a method and a corresponding apparatus for controlling a combustion engine, more particularly for controlling a throttle position, which relies on a single external sensor (46) and which involves, to make an additional sensor (44) required in a known approach redundant, on a throttle model (50) for estimating a measure pertaining to boost pressure, since the external sensor (44) now redundant was provided as an external boost pressure sensor (44).

IPC 8 full level

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CPC (source: EP)

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**F02D 2200/0406** (2013.01); **F02D 2200/0408** (2013.01)

Citation (search report)

- [X] EP 1398490 A2 20040317 - VOLKSWAGEN AG [DE]
- [X] DE 10123034 A1 20021114 - BOSCH GMBH ROBERT [DE]
- [A] US 6895946 B1 20050524 - LIVSHIZ MICHAEL [US], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 21 3 August 2001 (2001-08-03)

Cited by

DE102007035312B4; CN114563126A; DE102015224828B4; US12000347B2; WO2021180412A1

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