

Title (en)

METHOD FOR MEASUREMENT AND CALIBRATION OF THE IGNITION ANGLE OF AN INTERNAL COMBUSTION ENGINE

Publication

**EP 0228547 A3 19871104 (DE)**

Application

**EP 86115860 A 19861114**

Priority

DE 3544249 A 19851214

Abstract (en)

[origin: EP0228547A2] According to the invention, it is proposed to connect a rotary- angle transmitter (13) to the internal combustion engine (1), a certain number of pulses being transmitted per rotated angle unit. These pulses are counted in a counter (22) inside a gate, a signal for the top dead centre position of a piston being used as gate control pulses and an ignition pulse signal being used as trigger signals. The summed pulse signals thus correspond to the respective ignition angle and are displayed in a digital display (23). In a further development of the invention, it is proposed to drive the engine by means of an external drive (20) so that the ignition angle can be calibrated on the cold engine. <IMAGE>

IPC 1-7

**F02P 17/00**

IPC 8 full level

**F02P 17/00** (2006.01); **F02P 17/02** (2006.01)

CPC (source: EP)

**F02P 17/02** (2013.01)

Citation (search report)

- [X] FR 1289582 A 19620406 - UNION TECH DE L AUTOMOBILE
- [A] FR 1184756 A 19590724
- [A] US 3101611 A 19630827 - TRAVER ALFRED E
- [A] US 3243997 A 19660405 - TRAVER ALFRED E
- [A] US 3777559 A 19731211 - MITCHAE L W, et al
- [A] DE 3146185 A1 19830601 - DAIMLER BENZ AG [DE]

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**DE 3544249 C1 19870423**; DE 3681424 D1 19911017; EP 0228547 A2 19870715; EP 0228547 A3 19871104; EP 0228547 B1 19910911; ES 2025051 B3 19920316

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