

Title (en)  
Method and device for controlling the speed of an internal combustion engine

Title (de)  
Verfahren und Vorrichtung zur Steuerung der Drehzahl einer Brennkraftmaschine

Title (fr)  
Procédé et dispositif de commande du régime d'un moteur à combustion interne

Publication  
**EP 0816655 A1 19980107 (EN)**

Application  
**EP 97110317 A 19970624**

Priority  
IT BO960355 A 19960627

Abstract (en)  
Device for controlling the speed of an internal combustion engine (1), the engine (1) being provided with a output shaft, with a cylinder (3), with an induction manifold (4) connected to the cylinder (3), with an injector (5) for carrying out the injection of fuel into the induction manifold (4), and with an encoder (14) for detecting the angle of rotation of the output shaft, the control device being provided with a unit (20) for controlling the injector (5), which unit is connected to the encoder (14), for activating the injector (5) for a preset interval defined by a mechanical angle, of given size, of rotation of the output shaft. <IMAGE>

IPC 1-7  
**F02D 41/08**; **F02D 41/02**

IPC 8 full level  
**F02D 31/00** (2006.01); **F02D 41/08** (2006.01); **F02D 41/24** (2006.01)

CPC (source: EP)  
**F02D 31/001** (2013.01); **F02D 41/08** (2013.01); **F02D 41/2403** (2013.01)

Citation (search report)

- [X] GB 2257806 A 19930120 - VOLKSWAGEN AG [DE]
- [X] US 4232647 A 19801111 - VAN SICLEN JR HOWARD E
- [A] WO 9117350 A1 19911114 - BOSCH GMBH ROBERT [DE]
- [A] US 3741176 A 19730626 - SCHMIDT P, et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 003 (M - 349) 9 January 1985 (1985-01-09)

Designated contracting state (EPC)  
DE ES FR GB SE

DOCDB simple family (publication)  
**EP 0816655 A1 19980107**; BR 9702537 A 19980901; IT 1285972 B1 19980626; IT BO960355 A0 19960627; IT BO960355 A1 19971227

DOCDB simple family (application)  
**EP 97110317 A 19970624**; BR 9702537 A 19970627; IT BO960355 A 19960627