

Title (en)

Device provided with a rotation inductive sensor to control particularly the ignition time of combustion engines.

Title (de)

Verfahren und Anordnung mit induktivem Drehgeber zur Steuerung, insbesondere des Zündzeitpunkts von Brennkraftmaschinen.

Title (fr)

Installation comportant un capteur inductif de rotation pour la commande, en particulier de l'instant d'allumage de moteurs à combustion.

Publication

EP 0411285 B1 19950201 (DE)

Application

EP 90111325 A 19900615

Priority

DE 3924843 A 19890727

Abstract (en)

[origin: US5046468A] Inductive rotary emitter for controlling the instant of ignition of internal combustion engines, has a coil with a permanent magnet core and a yoke wheel turned by a shaft. Circumferentially distributed projecting, spaced, tooth-like segments on the yoke wheel are moved past the magnet poles for voltage induction. Tangentially adjacent tooth segments are at differently spaced intervals from one another.

IPC 1-7

F02P 1/08; **F02P 7/067**

IPC 8 full level

F02P 1/08 (2006.01); **F02P 7/067** (2006.01); **F02B 1/04** (2006.01)

CPC (source: EP US)

F02P 1/086 (2013.01 - EP US); **F02P 7/067** (2013.01 - EP US); **F02B 1/04** (2013.01 - EP US)

Citation (examination)

- DE 3608201 A1 19870917 - STAHL WALTER
- DE 3343853 A1 19850613 - BOSCH GMBH ROBERT [DE]
- DE 3032173 A1 19810312 - MITSUBISHI ELECTRIC CORP
- DE 2723265 A1 19781207 - BOSCH GMBH ROBERT
- EP 0197272 A2 19861015 - HONDA MOTOR CO LTD [JP], et al
- US 4797827 A 19890110 - COCKERHAM KEVIN [GB]
- US 3496920 A 19700224 - SHANO CHARLES L, et al
- US 3809040 A 19740507 - BURSON B, et al

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0411285 A2 19910206; **EP 0411285 A3 19910807**; **EP 0411285 B1 19950201**; DE 3924843 A1 19910207; DE 3924843 C2 19930422; DE 59008399 D1 19950316; DE 9007308 U1 19901220; US 5046468 A 19910910

DOCDB simple family (application)

EP 90111325 A 19900615; DE 3924843 A 19890727; DE 59008399 T 19900615; DE 9007308 U 19900615; US 55873690 A 19900727