

Title (en)

CONTROL SYSTEM FOR INTERNAL-COMBUSTION ENGINES

Publication

EP 0029019 B1 19850424 (DE)

Application

EP 80890122 A 19801015

Priority

AT 673879 A 19791016

Abstract (en)

[origin: ES8200439A1] Servo-motor (14') for auxiliary devices of the internal combustion engine, for example to regulate the injection time point of the injection pump, of which the regulation unit (14) is actuatable by the rotation speed-dependent force and operating from the fly-balls (1) of the rotation speed regulator on the abutment (7) of the spring mechanism (6). The derivate of the auxiliary signal depending on the rotation speed provided from the centrifugal regulator is carried out in such a way that the proper direct function of the regulator, the displacement of the rack rods (35) of the injection pump, is substantially not influenced and thereby the reliability of the regulator is not affected.

IPC 1-7

F02D 1/02; **F02D 1/12**

IPC 8 full level

F02D 1/02 (2006.01); **F02D 1/08** (2006.01); **F02D 1/12** (2006.01); **G05D 13/10** (2006.01)

CPC (source: EP US)

F02D 1/02 (2013.01 - EP US); **F02D 1/08** (2013.01 - EP US); **F02D 1/12** (2013.01 - EP US)

Cited by

CN109838553A; FR2569442A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0029019 A1 19810520; **EP 0029019 B1 19850424**; AT 381368 B 19861010; AT A673879 A 19860215; DE 3070556 D1 19850530; ES 495941 A0 19811016; ES 8200439 A1 19811016; JP S5664123 A 19810601; PL 125173 B1 19830430; PL 227314 A1 19810619; US 4409941 A 19831018; WO 8404356 A1 19841108; YU 265580 A 19830121

DOCDB simple family (application)

EP 80890122 A 19801015; AT 673879 A 19791016; AT 8000033 W 19801016; DE 3070556 T 19801015; ES 495941 A 19801015; JP 14554480 A 19801016; PL 22731480 A 19801015; US 27634381 A 19810612; YU 265580 A 19801015