

Title (en)
CENTRIFUGAL-FORCE RPM REGULATOR FOR FUEL INJECTION PUMPS

Publication
EP 0232393 B1 19881109 (DE)

Application
EP 86905192 A 19860814

Priority
• DE 3529449 A 19850816
• DE 3625985 A 19860731

Abstract (en)
[origin: WO8701162A1] Centrifugal-force rpm regulator for fuel injection pumps of internal combustion engines with a centrifugal weight adjuster (1) which by the action of its centrifugal weights (6) operates an articulated head (2) which by means of a pin (17) couples a twin-armed guide lever (21), in the form of a stiff frame, with a strip (20). The pin (17) is supported via a cross-bearing (18) in the articulation head (15) where it is inserted in an aperture (16) which is provided, in the direction of displacement, with a longitudinally-shaped cross-section, so that the pin (17) can effect a limited pivoting movement in the aperture (16) around the cross-bearing (18).

IPC 1-7
F02D 1/04

IPC 8 full level
F02D 1/04 (2006.01); **F02D 1/10** (2006.01)

CPC (source: EP US)
F02D 1/04 (2013.01 - EP US); **F02D 1/10** (2013.01 - EP US)

Citation (examination)
Bosch, Technische Unterrichtung VDT-VBP 210/1 DE, S. 29, (1975), R. Bosch GmbH, Stuttgart (DE)

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 8701162 A1 19870226; DE 3625985 A1 19870226; DE 3661148 D1 19881215; EP 0232393 A1 19870819; EP 0232393 B1 19881109; US 4735182 A 19880405

DOCDB simple family (application)
DE 8600332 W 19860814; DE 3625985 A 19860731; DE 3661148 T 19860814; EP 86905192 A 19860814; US 4108687 A 19870323