

Title (en)

DEVICE IMPROVING THE DYNAMIC BEHAVIOUR OF A GOVERNOR OF A DISTRIBUTOR-TYPE FUEL INJECTION PUMP

Publication

**EP 0296358 B1 19910515 (DE)**

Application

**EP 88107923 A 19880518**

Priority

DE 3720466 A 19870620

Abstract (en)

[origin: EP0296358A1] A fuel injection pump with speed regulator is proposed, in which an attenuation device (29 to 40), which is pivoted to a control lever (13), counteracts the force of an adjusting sleeve (10), which also acts on the control lever (13) and is generated by a speed signal transmitter (8). The attenuation device (29 to 40) is so designed by means of retarding devices, in particular restrictors (36 and 37) that with slow changes in speed it has a compensatory effect and with rapid changes in speed, which have an effect on the control lever (13), it engages and prevents any "bucking". <IMAGE>

IPC 1-7

**F02D 1/04**

IPC 8 full level

**F02D 1/02** (2006.01); **F02D 1/04** (2006.01); **F02D 1/10** (2006.01)

CPC (source: EP KR)

**F02D 1/04** (2013.01 - EP); **F02D 1/045** (2013.01 - EP); **F02D 1/10** (2013.01 - EP KR)

Cited by

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DE FR GB

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DOCDB simple family (application)

**EP 88107923 A 19880518**; DE 3720466 A 19870620; DE 3862815 T 19880518; JP 14491488 A 19880614; KR 880007403 A 19880620