

Title (en)

DEVICE AND PROCESS TO REGULATE FUEL PRESSURE IN A HIGH PRESSURE ACCUMULATOR

Title (de)

VORRICHTUNG UND VERFAHREN ZUR REGELUNG DES KRAFTSTOFFDRUCKES IN EINEM HOCHDRUCKSPEICHER

Title (fr)

DISPOSITIF ET PROCEDE POUR LA REGULATION DE LA PRESSION DE CARBURANT DANS UN ACCUMULATEUR HAUTE PRESSION

Publication

EP 0837986 B1 20010816 (DE)

Application

EP 97924873 A 19970502

Priority

- DE 9700902 W 19970502
- DE 19618932 A 19960510

Abstract (en)

[origin: DE19618932A1] The invention relates to a device and process to regulate fuel pressure in a high pressure accumulator (7) in which volumetric flow control and pressure control are combined in order to take advantage of both systems with the result of increased dynamic performance and higher efficiency.

IPC 1-7

F02M 59/34; **F02M 63/02**; **F02M 55/02**

IPC 8 full level

F02D 41/38 (2006.01); **F02M 55/02** (2006.01); **F02M 59/34** (2006.01); **F02M 63/02** (2006.01)

CPC (source: EP US)

F02D 41/3845 (2013.01 - EP US); **F02D 41/3854** (2013.01 - EP US); **F02D 41/3863** (2013.01 - EP US); **F02M 63/0225** (2013.01 - EP US); **F02D 2041/1409** (2013.01 - EP US); **F02D 2041/1418** (2013.01 - EP US); **F02D 2250/31** (2013.01 - EP US)

Cited by

DE102010027858A1; DE102008043237A1; DE102008043217A1; WO2010049207A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 19618932 A1 19971120; **DE 19618932 C2 20010201**; DE 59704282 D1 20010920; EP 0837986 A1 19980429; EP 0837986 B1 20010816; ES 2162297 T3 20011216; JP 3731900 B2 20060105; JP H11509605 A 19990824; US 5941214 A 19990824; WO 9743543 A1 19971120

DOCDB simple family (application)

DE 19618932 A 19960510; DE 59704282 T 19970502; DE 9700902 W 19970502; EP 97924873 A 19970502; ES 97924873 T 19970502; JP 54038197 A 19970502; US 569998 A 19980112