

Title (en)

PROCESS AND INSTALLATION FOR THE CONTROL OF EXHAUST GAS RECIRCULATION IN A PRESSURE WAVE SUPERCHARGER FOR AN INTERNAL-COMBUSTION ENGINE

Publication

**EP 0095789 B1 19851121 (DE)**

Application

**EP 83200493 A 19830407**

Priority

CH 337182 A 19820602

Abstract (en)

[origin: US4517950A] Provision is made in the induced air duct and/or in the exhaust duct of the pressure wave supercharger for butterfly valves, by the control of which the exhaust gas proportion to be returned to the charge air is matched to the load condition of the engine. The adjustment of the butterfly valve or butterfly valves occurs through a linkage as a function of the load condition of the engine. A correction link acts on the linkage being provided to compensate for pressure alterations in the induced air duct and/or exhaust duct.

IPC 1-7

**F02B 33/42**

IPC 8 full level

**F02B 33/42** (2006.01); **F02D 23/00** (2006.01); **F02M 25/07** (2006.01); **F02M 26/02** (2016.01); **F02M 26/40** (2016.01)

CPC (source: EP US)

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Cited by

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**EP 0095789 A1 19831207**; **EP 0095789 B1 19851121**; AT E16626 T1 19851215; DE 3361269 D1 19860102; JP S58222964 A 19831224; US 4517950 A 19850521

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**EP 83200493 A 19830407**; AT 83200493 T 19830407; DE 3361269 T 19830407; JP 9421883 A 19830530; US 49121583 A 19830503