

Title (en)

INTERNAL COMBUSTION ENGINE WITH A COMPREX PRESSURE WAVE MACHINE AND AN EXHAUST GAS RESERVOIR

Publication

EP 0164515 B1 19880120 (DE)

Application

EP 85104198 A 19850406

Priority

CH 198684 A 19840419

Abstract (en)

[origin: US4763471A] An exhaust plenum chamber for a supercharged engine having a variable volume. A mechanical spring is arranged to an exhaust plenum chamber to increase the spring action of the plenum chamber volume. In this connection, the plenum chamber interior is divided into a flow chamber and a dead volume. The efficiency especially of relatively small plenum chambers in internal combustion engines with a small number of cylinders and/or slight supercharging is improved.

IPC 1-7

F01N 7/10; **F02B 33/42**

IPC 8 full level

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CPC (source: EP US)

F01N 1/20 (2013.01 - EP US); **F01N 1/22** (2013.01 - EP US); **F01N 13/10** (2013.01 - EP US); **F02B 33/42** (2013.01 - EP US)

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EP 85104198 A 19850406; DE 3561480 T 19850406; JP 8272785 A 19850419; US 1134787 A 19870202