

Title (en)
Exhaust gas recirculation for supercharged internal combustion engines

Title (de)
Abgasrückführung an aufgeladenen Brennkraftmaschinen

Title (fr)
Recirculation de gaz d'échappement pour moteurs suralimentés à combustion interne

Publication
EP 0775817 B1 19981125 (DE)

Application
EP 96116740 A 19961018

Priority
DE 19543290 A 19951121

Abstract (en)
[origin: EP0775817A1] The exhaust gas feedback takes the exhaust gas from a collector tube via a switchable regulating unit (7) to the induction air tube. The regulating unit is formed from a throttle point (11) and an exhaust gas valve (12) in parallel with it. Upstream of the regulating device, there is an exhaust gas feedback line (8) with an exhaust gas regulating valve (9). This valve and the exhaust gas valve (12) can be controlled by setting devices (13a, 13b). For a multi-cylinder machine, the regulating device is not connected to all the cylinders.

IPC 1-7
F02D 21/08

IPC 8 full level
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CPC (source: EP)
F02D 21/08 (2013.01); **F02M 26/05** (2016.02); **F02M 26/10** (2016.02); **F02M 26/15** (2016.02); **F02M 26/43** (2016.02); **F02M 26/615** (2016.02); **F02B 29/0406** (2013.01); **F02M 26/21** (2016.02); **F02M 26/23** (2016.02); **F02M 26/40** (2016.02); **F02M 26/73** (2016.02)

Cited by
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