

Title (en)

SUPERCHARGING METHOD AND APPARATUS USING TAILORED BOOST PRESSURE

Publication

EP 0377717 A4 19901212 (EN)

Application

EP 89907572 A 19890616

Priority

US 20807288 A 19880617

Abstract (en)

[origin: WO8912734A1] An internal combustion engine (20) has a supercharger (50) for providing boost pressure tailored to engine speed. The supercharger (50) is controlled or specifically designed such that boost pressure for engine speeds above a predetermined level is equal to or less than the maximum permissible boost and boost pressure for engine speeds thereabove is less than maximum permissible boost. The supercharged engine has high, low engine speed torque while maintaining nearly naturally aspirated power at higher speeds. The design requires few modifications to the naturally aspirated base engine.

IPC 1-7

F02B 37/12

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- NO FURTHER RELEVANT DOCUMENTS DISCLOSED.
- See references of WO 8912734A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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