

Title (en)

EXHAUST GAS TURBOCHARGER FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

ABGASTURBOLADER FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

TURBOCOMPRESSEUR A GAZ D'ECHAPPEMENT POUR MOTEUR A COMBUSTION INTERNE

Publication

**EP 1529154 A1 20050511 (DE)**

Application

**EP 03747888 A 20030809**

Priority

- DE 10237413 A 20020816
- EP 0308868 W 20030809

Abstract (en)

[origin: WO2004022925A1] An exhaust gas turbocharger for an internal combustion engine comprises a turbine in the exhaust line and a compressor, which is driven by the turbine and which is located inside the intake tract of the internal combustion engine. The turbine comprises a flow duct having a radial flow entrance cross-section, and a flow ring is provided that delimits the flow entrance cross-section. An adjustable vane is placed in the radial flow entrance cross-section for variably adjusting this flow entrance cross-section. The flow ring inside the housing of the exhaust gas turbine can be axially displaced between a contact position toward the vane and a position that frees a gap toward the vane.

IPC 1-7

**F01D 17/16**

IPC 8 full level

**F02B 37/22** (2006.01); **F01D 17/16** (2006.01); **F02B 37/24** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2004022925A1

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