

Title (en)

Diffusor for internal combustion engine and engine with such a diffusor

Title (de)

Multidiffusor für eine Hubkolbenbrennkraftmaschine, sowie Hubkolbenbrennkraftmaschine

Title (fr)

Diffuseur pour un moteur à combustion interne et moteur à combustion interne avec diffuseur

Publication

EP 1881173 B1 20090506 (DE)

Application

EP 07109431 A 20070601

Priority

- EP 06117509 A 20060719
- EP 07109431 A 20070601

Abstract (en)

[origin: EP1881173A1] The multi-diffuser (1) has a housing (4) expanding along a longitudinal axis (L) from a diffuser inlet (2) to a diffuser outlet (3), and a diffuser insert (5) arranged within the housing. The diffuser inlet is connected with an output (6) of an exhaust gas turbo-charger (7) and the diffuser outlet is connected with a charge-air cooler (8) of a reciprocating internal combustion engine, such that fresh air (9) is introduced into the cooler from the turbocharger by the diffuser. The diffuser is formed asymmetrical relative to the longitudinal axis.

IPC 8 full level

F02B 33/44 (2006.01)

CPC (source: EP KR)

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Cited by

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