

Title (en)

DEVICE FOR BOOSTING THE INDUCTION OF RECIRCULATING GAS IN THE INTAKE DUCT OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VORRICHTUNG ZUR VERSTÄRKUNG DER INDUKTION VON UMWÄLZGASEN IM ANSAUGKANAL EINES VERBRENNUNGSMOTORS

Title (fr)

DISPOSITIF D'AMPLIFICATION DE L'ASPIRATION DE GAZ RECIRCULANT DANS LE CONDUIT D'ADMISSION D'UN MOTEUR À COMBUSTION INTERNE.

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006095111A1] The invention relates to a device for the recirculation of gas in an intake duct (12) of an internal combustion engine, comprising a convergent/divergent-type structure (18) for the reinduction of recirculating gas (42), which is disposed in the duct (12), thereby defining a main intake flow area in the duct (12) and a reinduction flow area. The reinduction structure (18) comprises at least one opening (40) which extends in the direction of flow in the duct, such as to communicate the two flow areas.

IPC 8 full level

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CPC (source: EP)

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Cited by

US11215132B1; US11174809B1; US10316803B2; US10634099B2; US11293382B2; US10995705B2

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