

Title (en)

AIR INTAKE SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

ANSAUGVORRICHTUNG FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)

DISPOSITIF D'ADMISSION POUR MOTEUR A COMBUSTION INTERNE

Publication

**EP 0897468 B1 20020123 (DE)**

Application

**EP 97923023 A 19970507**

Priority

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Abstract (en)

[origin: DE19618432A1] The invention concern an air intake system for an internal combustion engine. The intaken air passes via an air filter (3) to the internal combustion engine. Within the intake passage an attenuation volume (5) is provided which acts as a Helmholtz resonator. The size of the attenuating volume is such that a given noise frequency range can be attenuated. To achieve optimum noise reduction at least a partial flow of air passes through the attenuation volume (5) and the size of the effective attenuation volume (5) through which the air passes can be varied by reversible switches and valves.

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IPC 8 full level

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DOCDB simple family (publication)

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