

Title (en)

Air intake device for a combustion engine

Title (de)

Luftzuführungseinrichtung für eine Brennkraftmaschine

Title (fr)

Dispositif d'admission d'air pour moteur à combustion

Publication

EP 1160443 B1 20050810 (DE)

Application

EP 01110536 A 20010428

Priority

DE 10027426 A 20000602

Abstract (en)

[origin: EP1160443A2] The air inlet system for an internal combustion engine has a receptacle(18) through which air passes to influence resonances located in a pipe(14) between an air filter and the air feed unit. The pipe is broken in the region of the receptacle, and a cross section(QB) of the receptacle is larger than the cross section(QR) of sections(20,21) of the pipe leading to the receptacle and connected to its end walls(24,25). The pipe in the region of the receptacle has a curved progression(Vb), and the receptacle has an approximate trapezoidal cross section.

IPC 1-7

F02M 35/12; **F02M 35/10**

IPC 8 full level

F02B 75/24 (2006.01); **F02M 35/10** (2006.01); **F02M 35/12** (2006.01); **F02M 35/14** (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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