

Title (en)

DEVICE FOR MIXING AND DOSING GAS FLOWS IN INTERNAL COMBUSTION ENGINES

Title (de)

VORRICHTUNG ZUR MISCHUNG UND DOSIERUNG VON GASSTRÖMEN AN VERBRENNUNGSKRAFTMASCHINEN

Title (fr)

DISPOSITIF DE MELANGE ET DE DOSAGE DE FLUX GAZEUX DANS DES MOTEURS A COMBUSTION INTERNE

Publication

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Application

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Abstract (en)

[origin: WO0179680A1] The invention relates to a device for mixing a first fluid flow (3) with an additional fluid flow (25) or for dosing the additional fluid flow (25), comprising a fresh air feed pipe (4) and a connecting line (2) delivering the first fluid flow (3), which has an outlet port (24) and a fluid guiding element (5) for screening the fresh air line (4). A fluid guiding element (5) extending along the dosing area (15) is maintained in decoupled position in the fresh air line (4).

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