

Title (en)

FRESH AIR SUPPLY DEVICE FOR AN INTERNAL COMBUSTION ENGINE OF A MOTOR VEHICLE

Title (de)

FRISCHLUFTZUFÜHRUNGSEINRICHTUNG FÜR EINE BRENNKRAFTMASCHINE EINES KRAFTFAHRZEUGS

Title (fr)

DISPOSITIF D'ALIMENTATION EN AIR FRAIS POUR UN MOTEUR À COMBUSTION INTERNE DE VÉHICULE AUTOMOBILE

Publication

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Application

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Priority

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- EP 2017055038 W 20170303

Abstract (en)

[origin: WO2017149134A1] The invention relates to a fresh air supply device (1) for an internal combustion engine, – with a housing (2) and with a flap arrangement (3) which is arranged in the housing (2) and, for cylinders of the internal combustion engine, has at least one flap (4) for controlling a fresh air flow through a fresh air path (5) to the respective cylinder, – wherein the flap arrangement (3) comprises a common actuator shaft (6) which is connected to the at least one flap (4) for rotation therewith and is mounted rotatably about an axis of rotation (D) in bearings of the flap arrangement (3), – wherein the actuator shaft (6) comprises at least one actuator shaft section (7) in which the actuator shaft (6) has a right-angle bend (8) which interacts with a stop (13) formed on the the housing (2) for limiting the rotational movement of the actuator shaft (6).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2017149134A1

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