

Title (en)

Intake air guide for an internal combustion engine of a vehicle

Title (de)

Ansaugluftführung für eine Brennkraftmaschine eines Kraftfahrzeuges

Title (fr)

Guidage d'air d'aspiration pour un moteur à combustion interne d'un véhicule automobile

Publication

EP 0789141 B1 20010530 (DE)

Application

EP 96120227 A 19961217

Priority

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Abstract (en)

[origin: EP0789141A1] The induction air guide is fitted to an internal combustion engine on a motor vehicle, and has a space (4) which is especially in the shell (5) of an induction air filter, and in which the airflow is smoothed. A rotating flap (8) is arranged in one wall (9) of the space, and is usually held in its closed position. Two wings (8a,8b) are formed in the flap by its axis (12) of rotation, and one wing (8a) opens outwards and collects foreign matter, which is especially water. The other wing (8b) swings inwards and may have a separating wall (17), in order to prevent foreign matter from accumulating.

IPC 1-7

F02M 35/024; F02M 35/10

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1980741A3; CN106014713A; FR2767872A1; FR2929341A1; US6761748B2; WO2008116871A1; WO2011083001A1; WO0196729A1

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