

Title (en)  
FLANGE DEVICE AND INTAKE SYSTEM

Title (de)  
FLANSCHVORRICHTUNG UND SAUGANLAGE

Title (fr)  
ENSEMBLE FLASQUE ET SYSTÈME D'ASPIRATION

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Application  
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Abstract (en)  
[origin: WO2011061250A1] The invention relates to a flange device (2) for an air induction device (1) of an internal combustion engine, in particular of a motor vehicle, having a housing (4) made of plastic and comprising at least one inlet channel (6) for each cylinder of the internal combustion machine, having a metal fuel distribution rail (5) comprising a connection (7) for connecting a fuel injector for each cylinder, wherein the housing (4) comprises a flange (8) enclosing the outlet openings of the inlet channels (6) and that can be fastened, together with the housing (4), on the internal combustion engine. Simplified installation results if a plurality of bridge sections (9) are integrally formed on the housing (4), said sections overlapping the fuel distribution rail (5) on a side facing away from the flange (8), and if each bridge section (9) comprises a support sleeve (10) distal to the inlet channels (6), through which each bridge section (9) can be fastened on the internal combustion engine.

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