

Title (en)

AIR INTAKE SYSTEM AND MOTOR VEHICLE COMPRISING SUCH AN AIR INTAKE SYSTEM

Title (de)

LUFTEINLASSSYSTEM UND KRAFTFAHRZEUG MIT SOLCH EINEM LUFTEINLASSSYSTEM

Title (fr)

SYSTÈME D'ADMISSION D'AIR ET VÉHICULE AUTOMOBILE COMPRENANT UN TEL SYSTÈME D'ADMISSION D'AIR

Publication

EP 2934932 A1 20151028 (EN)

Application

EP 13864440 A 20131126

Priority

- SE 1251470 A 20121220
- SE 2013051386 W 20131126

Abstract (en)

[origin: WO2014098712A1] Air intake system for a motor vehicle with a cabin unit that may be tilted, comprising : - an air intake pipe with a first jointed section (12a) which is fixedly connected with the cabin unit and a second jointed section (12b) which is fixedly connected with the vehicle frame, and - a coupling device to releasably connect said jointed sections with each other. The coupling device comprises a first coupling part (13a) which is connected with the first jointed section and a second coupling part (13b) which is connected with the second jointed section. The first coupling part has an annular contact surface (18a) turned downward, designed to be sealingly engaged with an annular contact surface (18b) turned upward in the second coupling part, when the coupling parts are in engagement with each other. Several through holes are arranged in the second coupling part's contact surface. These holes are in fluid communication with the second jointed section and are arranged to be covered by the first coupling part's contact surface, when the coupling parts are in engagement with each other.

IPC 8 full level

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CPC (source: EP SE)

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