

Title (en)

Intake module in form of an intake manifold with integrated heat exchanger

Title (de)

Ansaugmodul in Gestalt eines Ansaugkrümmers mit integriertem Wärmetauscher

Title (fr)

Module d'admission d'air sous forme d'un collecteur d'admission intégrant un échangeur de chaleur

Publication

EP 2722517 B2 20180718 (FR)

Application

EP 13306429 A 20131018

Priority

FR 1259973 A 20121019

Abstract (en)

[origin: EP2722517A1] The module (1) has a collector (2) comprising a body (2') that is provided with a side opening. The side opening is sealed by a lid (6). The side opening is arranged with a set of passage openings (7) for a set of input and output ends (8) of a heat exchanger (4). The heat exchanger is mechanically connected to a set of wall portions (3, 3') of the collector. The heat exchanger is placed approximately transversely with gas flow circulating in the collector, and divides the interior volume of the collector into two compartments. An independent claim is also included for a method for manufacturing an air intake module.

IPC 8 full level

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CPC (source: EP)

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