

Title (en)
CONSTRUCTIONAL UNIT AND FRESH AIR SYSTEM

Title (de)
BAUGRUPPE SOWIE FRISCHLUFTANLAGE

Title (fr)
ENSEMBLE ET INSTALLATION DE CLIMATISATION

Publication
EP 2132431 A1 20091216 (DE)

Application
EP 08736002 A 20080409

Priority
• EP 2008054276 W 20080409
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Abstract (en)
[origin: WO2008122651A1] The invention relates to an internal combustion engine (1), especially of a motor vehicle. Said internal combustion engine comprises at least one cylinder head (2) which contains, interposed between two camshafts (6) of a valve drive (7) for controlling gas exchange valves, at least one fresh air duct (5) on the head side for every cylinder (4), a cylinder head cover (10) for closing the cylinder head (2), said cover having at least one fresh air duct (11) on the cover side for every cylinder (4), said fresh air duct being connected to the corresponding fresh air duct (5) on the head side to communicate therewith when the cylinder head cover (10) is mounted, and a fresh air system (15) having a housing (14) which has at least one fresh air duct (15) on the housing side for every cylinder (4), said fresh air duct being connected to the fresh air duct (15) on the cover side to communicate therewith when the fresh air system (13) is mounted. The invention is characterized in that the cylinder head cover (10) and the housing (14) or a housing portion (16) having the fresh air ducts (15) on the housing side is configured by a single plastic injection-molded part (17) or by one such part which is produced in one piece.

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Citation (search report)
See references of WO 2008122652A1

Citation (examination)
US 2002046737 A1 20020425 - LEE KI-HO [CA], et al

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