

Title (en)

HEAT EXCHANGE UNIT FOR A MOTOR VEHICLE AND SYSTEM COMPRISING SAID UNIT

Title (de)

WÄRMEAUSTAUSCHMODUL FÜR EIN KRAFTFAHRZEUG UND SYSTEM MIT EINEM SOLCHEN MODUL

Title (fr)

MODULE D ECHANGE DE CHALEUR POUR UN VEHICULE AUTOMOBILE ET SYSTÈME COMPORTANT CE MODULE

Publication

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Application

**EP 03756512 A 20030728**

Priority

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- FR 0210689 A 20020828

Abstract (en)

[origin: WO2004020927A1] The invention relates to a heat exchange unit for a motor vehicle comprising a heat engine which is equipped with a high-temperature cooling system and a low-temperature cooling system. The inventive unit comprises at least one row of heat exchange tubes (102), which is connected to at least one inlet manifold chamber (58, 64, 66) and at least one outlet manifold chamber (60, 62, 68), said tubes forming a heat exchange surface. The invention also comprises surface distribution means (110, 42, 44) which can be used to divide the heat exchange surface into a high-temperature heat exchange section and a low-temperature heat exchange section. The unit also preferably comprises a high-temperature fixed section (52), a low-temperature fixed section (54) and an intermediary section that can be fully or partially allocated to said sections (52 and 54).

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CPC (source: EP US)

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Citation (search report)

See references of WO 2004020927A1

Citation (examination)

- JP H11132040 A 19990518 - NISSAN MOTOR
- JP H09152297 A 19970610 - SANYO ELECTRIC CO

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DOCDB simple family (publication)

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