

Title (en)

Cooling device for a vehicle and the associated vehicle

Title (de)

Kühlvorrichtung für einen PKW und der entsprechende PKW

Title (fr)

Dispositif de refroidissement pour un véhicule automobile et le véhicule automobile correspondant

Publication

EP 1728987 B1 20110427 (FR)

Application

EP 06300540 A 20060531

Priority

FR 0505564 A 20050601

Abstract (en)

[origin: EP1728987A1] The device has an electric fan unit (5) comprising a motorized propeller (8) rotatably disposed around a rotation axis (R) opposite to a radiator (4). The propeller aspirates an air across the radiator and has blades (28) overhanging from the periphery of the radiator to capture the air outside the radiator. The unit (5) has channeling units comprising an air pipe nozzle (6), a support frame (10) for the unit (5), a crown (26), a fixed wall (38), and a duct, for the air captured by the blades. The blades are configured to form an air flow (F2) flowing parallel to the axis (R). An independent claim is also included for a motor vehicle comprising a cooling device.

IPC 8 full level

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CPC (source: EP)

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