

Title (en)

HEATING, VENTILATION AND/OR AIR-CONDITIONING DEVICE FOR A MOTOR VEHICLE

Title (de)

HEIZUNGS-, LÜFTUNGS- UND/ODER KLIMAANLAGE FÜR EIN KRAFTFAHRZEUG

Title (fr)

DISPOSITIF DE CHAUFFAGE, VENTILATION ET/OU CLIMATISATION POUR VÉHICULE AUTOMOBILE

Publication

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Application

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Abstract (en)

[origin: WO2022207837A1] The invention relates to a heating, ventilation and/or air-conditioning device for a motor vehicle, this device having a space requirement, referred to as vertical, in a direction, referred to as vertical, Z-Z', the device comprising a housing (1) and, inside the housing (1), a first heat exchanger (2) and a unit (4) for generating an air flow, the first exchanger (2) extending in a direction close to the vertical direction Z-Z' and a direction, referred to as transverse, Y-Y', perpendicular to the vertical direction Z-Z', the unit for generating the air flow comprising a blower wheel (8) configured to rotate about an axis of rotation (10), oriented substantially along the transverse direction Y-Y', and to generate the air flow tangentially in the direction of the first exchanger (2), the blower wheel (8) being designed to remain in a vertical space requirement of the first exchanger (2), the housing (1) being configured to extend on either side of a wall (90) separating an engine compartment from a passenger compartment of the vehicle, a first part of the housing (1) accommodating the unit for generating the air flow being intended to be situated on the engine-compartment side and a second part of the housing (1) accommodating the first exchanger (2) being intended to be situated on the passenger-compartment side.

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