

Title (en)
MOTOR VEHICLE FAN OF REDUCED AXIAL SIZE

Title (de)
KRAFTFAHRZEUGGEBLÄSE MIT REDUZierter ACHSENGRÖSSE

Title (fr)
VENTILATEUR POUR AUTOMOBILE A ENCOMBREMENT AXIAL REDUIT

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Application
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Abstract (en)
[origin: WO2013156254A1] The invention relates to a fan for a motor vehicle, comprising an impeller formed by multiple blades (3) extending radially from a hub (4), and an impeller supporting base, said impeller being rotated about an axis of rotation by an actuation means and being positioned inside a hollow cylindrical cavity having the same axis and formed by an axial wall (25) attached to the base. The base comprises an upstream front wall (22) extending externally along a radial plane in relation to the axis and an outer wall (23) extending axially from the front wall. The fan is characterised in that the front wall (22) includes a protrusion (24) that borders the impeller, said protrusion extending axially upward in relation to the plane of the front wall and the upstream end thereof being located further upstream than the upstream end of the blades (3) of the impeller.

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