

Title (en)

FAN IMPELLER AND ASSOCIATED FAN SHROUD, IN PARTICULAR FOR A MOTOR VEHICLE

Title (de)

LÜFTERRAD UND ZEGHÖRIGE LÜFTERHAUBE, IM BESONDEREN FÜR EIN KRAFTFAHRZEUG

Title (fr)

HELICE DE VENTILATEUR ET BUSE DE VENTILATEUR ASSOCIEE, EN PARTICULIER POUR VEHICULE AUTOMOBILE

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Application

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Abstract (en)

[origin: WO2011076583A1] The invention relates to a fan impeller (10) which includes a hub (14) capable of being driven about an axis of rotation (XX), blades (18) extending radially outward from the hub and a profiled ring (22) connecting the outer ends (20) of the blades (18), said profiled ring having an annular wall (24) intended to come opposite an annular edge (30) of a fan shroud (26). The annular wall (24) of the profiled ring (22) has a flat or frusto-conical shape which, when viewed as a radial section, forms an acute angle of between 0° and 60° relative to a plane perpendicular to the axis of rotation (XX). The invention is applicable, in particular, to motor vehicles.

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