

Title (en)

AERODYNAMICALLY AND ACOUSTICALLY IMPROVED CAR FAN

Title (de)

AERODYNAMISCH UND AKUSTISCH VERBESSERTER FAHRZEUGLÜFTER

Title (fr)

VENTILATEUR POUR AUTOMOBILE AMÉLIORÉ AÉRODYNAMIQUEMENT ET ACOUSTIQUEMENT

Publication

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Application

EP 16713789 A 20160321

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Abstract (en)

[origin: WO2016146850A1] The invention relates to a ventilation impeller (1) comprising a hub (2) and blades (3) extending radially outwards from the hub (2) between a blade root (3a) and a blade head (3b), the blades of said impeller having a back-front curvature as a result of a curvature inversion over the span thereof, characterised in that said blades (3) comprise, between 20 and 80% of the span thereof, at least one variation of the pitch thereof of at least 2° extending over a maximum span distance of 25% more or less than a linear pitch over said span distance.

IPC 8 full level

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