

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

EP 3271588 A1 20180124 (FR)

Application

EP 16713789 A 20160321

Priority

- FR 1552271 A 20150319
- EP 2016056139 W 20160321

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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CPC (source: EP US)

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Citation (search report)

See references of WO 2016146850A1

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