

Title (en)

AXIAL FAN FOR CONVEYING COOLING AIR, IN PARTICULAR FOR AN INTERNAL COMBUSTION ENGINE OF A MOTOR VEHICLE

Title (de)

AXIALLÜFTER ZUR FÖRDERUNG VON KÜHLLUFT, INSBESONDERE FÜR EINEN VERBRENNUNGSMOTOR EINES KRAFTFAHRZEUGES

Title (fr)

VENTILATEUR AXIAL POUR VÉHICULER DE L'AIR DE REFROIDISSEMENT, EN PARTICULIER POUR UN MOTEUR À COMBUSTION INTERNE DE VÉHICULE À MOTEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2016045978A1] The invention relates to an axial fan for conveying cooling air, in particular for an internal combustion engine of a motor vehicle, comprising a hub (2), on which a plurality of fan blades (4) extending radially outward is arranged, which each have a rear blade edge (8). In the case of an axial fan having an optimal relationship between efficiency and flow output, a contour (9) of the rear blade edge (8) of the fan blades (4) extends curved in a circumferential direction with respect to a plane (E) spanned by an axis of rotation of the axial fan (1) and a longitudinal extent of the fan blade (4).

IPC 8 full level

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- JP S5489304 A 19790716 - NIPPON DENSO CO
- US 3937189 A 19760210 - BECK HAROLD D
- JP S51134906 A 19761122 - KOMATSU MFG CO LTD
- EP 0026997 A1 19810415 - GEN MOTORS CORP [US]

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