

Title (en)
ROTATING ELECTRICAL MACHINE, IN PARTICULAR MOTOR VEHICLE ALTERNATOR, WHEREOF THE INPUTS/OUTPUTS COMPRISE FINS INCLINED RELATIVE TO THE FAN BLADES

Title (de)
ELEKTRISCHE DREHMASCHINE, INSBESONDERE EINE KRAFTFAHRZEUG-LICHTMASCHINE, WOBEI DIE EINGÄNGE/AUSGÄNGE RELATIV ZU DEN LÜFTERBLÄTTERN GENEIGTE SCHAUFELN AUFWEISEN

Title (fr)
MACHINE ELECTRIQUE TOURNANTE, NOTAMMENT ALTERNATEUR DE VEHICULE AUTOMOBILE, DONT LES ENTREES/SORTIES D'AIR COMPRENNENT DES AILETTES INCLINEES PAR RAPPORT AUX PALES DES VENTILATEURS

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Abstract (en)
[origin: WO2005093930A1] The invention concerns a rotating electrical machine comprising an outer shell (10), a stator, a rotor, and a fan (50) with blades (51) arranged on one first axial side of the rotor, the shell (10) having on its outer periphery radial ports (71) consisting each of an opening (80) subdivided by fins (90) each elongated according to a particular profile of its own, at least one fin (90) of at least one of the radial ports (71) is inclined such that the edges of the blades (51) facing said port sweep gradually across the fin (90) according to its profile while rotating about the rotary shaft, in a shearing movement whereby each time only one substantially point-shaped portion of the edge of the blade (51) is opposite the fin (90).

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