

Title (en)

ELECTRICAL MACHINE ROTOR PROVIDED WITH AT LEAST ONE HOOP FOR RETAINING THE TURNS OF THE WINDING AND CORRESPONDING ELECTRICAL MACHINE

Title (de)

ROTOR FÜR EINE ELEKTRISCHE MASCHINE MIT MINDESTENS EINEM RING ZUM STÜTZEN DER WICKELKÖPFE UND ENTSPRECHENDE ELEKTRISCHE MASCHINE

Title (fr)

ROTOR DE MACHINE ÉLECTRIQUE MUNI D'AU MOINS UNE FRETTE DE MAINTIEN DES CHIGNONS DU BOBINAGE ET MACHINE ÉLECTRIQUE CORRESPONDANTE

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Application

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Abstract (en)

[origin: WO2014140477A1] The invention relates to a wound rotor (30) comprising a cylindrical body (31) mounted on a shaft (32), a collector (37) including a set of electrically conductive blades (39), notches (33) that are longitudinally provided on an outer periphery of the body (31) of the rotor, and a winding made of a set of conductors (36) that is at least partially inserted inside the notches (33) and is electrically connected to the blades (39) of the collector (37), portions of the conductors (36) that project relative to the radial surfaces an axial end of the body of the rotor constituting the turns (43, 44) of the winding. According to the invention, the rotor (30) further comprises at least one hoop (49, 50) provided around a turn (43, 44) having an axially oriented annular wall provided with means for retaining the hoop axially relative to the body (31) of the rotor and rotatably relative to an axis (Y) of the hoop.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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