

Title (en)

ELECTRICAL MACHINE COMPRISING A ROTOR PROVIDED WITH A WINDING FOR FACILITATING COMMUTATION AND RELATED STARTER

Title (de)

ELEKTRISCHE MASCHINE MIT EINEM ROTOR MIT EINER WICKLUNG ZUR EINFACHEREN KOMMUTIERUNG UND ZUGEHÖRIGER STARTER

Title (fr)

MACHINE ELECTRIQUE COMPORTANT UN ROTOR MUNI D'UN BOBINAGE PERMETTANT DE FACILITER LA COMMUTATION, ET DEMARREUR ASSOCIE

Publication

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Application

**EP 11720560 A 20110420**

Priority

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Abstract (en)

[origin: WO2011135233A1] The invention relates to a machine having a wound rotor (102) comprising a manifold (112) that includes a set of blades (131) and longitudinal notches (133). Said rotor (102) also comprises a winding (108) formed of a set of conductors (134) that each comprise two arms (135.1, 135.2), connected together by a base (136). In accordance with the invention, the curve, representing the electromotive force (EMF) generated by the rotor (102) on the basis of the angle of rotation of the rotor, is linear and steep in a switching region, and the notches (133) are angularly shifted relative to the blades (131) so that each notch (133) is located opposite a junction between two blades. The invention also relates to the related starter fitted with said machine.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2011135233A1

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