

Title (en)

ROTATING ELECTRICAL MACHINE WITH VARIABLE STATOR SLOT WIDTH

Title (de)

ELEKTRISCHE DREHMASCHINE MIT VARIABLEM STATORSCHLITZBREITE

Title (fr)

MACHINE ÉLECTRIQUE TOURNANTE À LARGEUR D'ENCOCHE STATORIQUE VARIABLE

Publication

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Application

EP 18717087 A 20180419

Priority

- FR 1753451 A 20170420
- EP 2018059985 W 20180419

Abstract (en)

[origin: WO2018193012A1] The invention relates mainly to a rotating electrical machine (10) for a motor vehicle, comprising: - a rotor; - a stator (11) extending along an axis, said stator (11) comprising a body (24) provided with a plurality of stator teeth (28) defining slots (30, 30'), - the stator (11) comprising a winding with conductors (35) housed in the slots (30, 30'); - in a plane (P) orthogonal to the axis along which the stator (11) extends, - a first slot (30) has a first width (L1) measured in an orthoradial direction, radially in the middle of the first slot (30), and - a second slot (30'), separate from the first slot (30), has a second width (L2) measured along an orthoradial direction, radially in the middle of the second slot (30'); characterised in that the first slot width (L1) is different from the second slot width (L2).

IPC 8 full level

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See references of WO 2018193012A1

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