Title (en)

STATOR FOR AN AXIAL FLOW MACHINE WITH A STATOR RING COMPOSED OF MODULES

Title (de)

STATOR FÜR EINE AXIALSTRÖMUNGSMASCHINE MIT EINEM STATORRING AUS MODULEN

Title (fr)

STATOR POUR UNE MACHINE À FLUX AXIAL AVEC UNE COURONNE DE STATOR FORMÉE DES MODULES

Publication

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Application

EP 17702416 A 20170106

Priority

- FR 1600078 A 20160114
- FR 2017000007 W 20170106

Abstract (en)

[origin: WO2017121941A1] The present invention relates to a stator for an electromagnetic axial flow machine, the stator forming a ring (1) having two substantially circular faces (1a, 1b) connected via a thickness comprising windings (3) uniformly distributed in the ring (1). Each winding (3) is carried by a unitary portion (4) having a core (5) about which the winding (3) is wound. The unitary portions (4) are arranged concentrically, edge to edge, and have means (12, 12a, 14) for rigidly connecting same with a support member (6) optionally forming part of a housing accommodating the ring (1), which means are carried either by axial and lateral faces of each edge-to-edge unitary portion (4) or by at least one top or bottom face of each unitary portion forming part of a substantially circular face.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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