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**KOBAYASHI et al.**(10) **Pub. No.: US 2022/0352777 A1**(43) **Pub. Date: Nov. 3, 2022**(54) **AXIAL-GAP-DYNAMOELECTRIC MACHINE****H02K 1/2713** (2006.01)**H02K 3/12** (2006.01)(71) Applicant: **YAMAHA HATSUDOKI**  
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**ABSTRACT**

An axial-gap-dynamolectric machine includes resin bobbins having positioning protrusions, and a stator core including a base yoke having a plurality of tooth holes and positioning holes. In each tooth hole, a circumferential length of a tooth-hole-radial-direction-outer-end surface is larger than a circumferential length of a tooth-hole-radial-direction-inner-end surface. Each of the plurality of teeth has a columnar shape in which a circumferential length of a tooth-upper surface is larger than a circumferential length of a tooth-bottom surface. The positioning protrusions are inserted in the positioning holes, and press the teeth against the base yoke inward in the radial direction such that the tooth-bottom surface is brought into contact with the tooth-hole-radial-direction-inner-end surface and the tooth-oblique surface is brought into contact with the tooth-hole-circumferential-direction-end surface.

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