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KOMETANI et al.(10) **Pub. No.: US 2022/0360127 A1**(43) **Pub. Date: Nov. 10, 2022**(54) **SHORT-CIRCUIT GENERATOR****Publication Classification**(71) Applicant: **Mitsubishi Electric Corporation**,
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Chiyoda-ku, Tokyo (JP)(57) **ABSTRACT**

A short-circuit generator is a generator in which stator slots provided with windings of a stator placed therein each have a depth in a radial direction perpendicular to a rotor central axis whose ratio divided by a width of the stator slot in a direction perpendicular both to the radial direction and a direction of the rotor central axis, is less than three. A rotor includes: a field winding placed in each of rotor slots; a metallic damper bar placed in each of the rotor slots on an outer periphery side of the field winding; and a metallic wedge placed in each of the rotor slots on an outer periphery side of the damper bar and connected to the damper bar. A damper-bar height that is a height of the damper bar is less than a wedge height that is a height of the wedge in the radial direction.

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