ABSTRACT

STATOR, MOTOR, BLOWER, AND STATOR MANUFACTURING METHOD

~~To provide a~~ A stator that includes a first teeth unit including a first insulator having an annular first crossover wire guide and a plurality of first winding units radially provided at regular intervals on an outer circumference of the first crossover wire guide to cover teeth of one phase group of an alternating current, the teeth of the one phase group having upper halves fitted to the first winding units, a third insulator that covers lower halves of the teeth, and a winding wire of one phase wound around the teeth of the one phase group ~~in a concentrated manner via the first winding units and the third insulator while allowing a first crossover wire to pass through the first crossover wire guide~~, a second teeth unit having an identical configuration to that of the first teeth unit in which a winding wire of the other phase is wound in a concentrated manner, with a plurality of second winding units being inserted into between adjacent ones of the first winding units ~~to overlap a second crossover wire guide on the first crossover wire guide~~, and an annular yoke including a plurality of recesses at regular intervals ~~on an inner circumference thereof to fit and fix the teeth of the one phase group and the teeth of the other phase group alternately to the recesses~~.

Fig. 7