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(54) **MOTOR MANUFACTURING METHOD AND MOTOR MANUFACTURING SYSTEM**

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(57) **ABSTRACT**

The present disclosure relates to a method and system for manufacturing a motor in which noise and current ripple caused by mechanical friction between a brush and a commutator have been reduced. In detail, a motor manufacturing method of the present disclosure comprises the steps of: assembling a shaft, an armature fixed on the shaft to be rotatably arranged, a commutator fixed on the shaft to rotate together with the armature, and a brush contacting a portion of the surface of the commutator; applying a voltage to the brush and rotating the armature and the commutator together through the rotation of the shaft to age the surface of the commutator; and, in a magnetizing device, connecting a case including a magnetized magnet to the assembled shaft, armature, commutator, and brush.