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(54) **MOTOR STRUCTURE AND SPLIT CORE
STACKING METHOD**

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(57) **ABSTRACT**

A motor structure includes a cylinder-shaped motor housing having a hollow, a stator core accommodated inside the motor housing and including a plurality of stacked split cores each including a ring-shaped yoke portion and a plurality of teeth portions protruding from the yoke portion and having an arc-shape, a coil wound around the teeth portion, wherein the split cores include first split cores combined to form a first layer, second split cores combined to form a second layer stacked on the first layer, and a boundary between the first split cores and a boundary between the second split cores do not match.

