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(54) **ROTOR, ROTARY ELECTRIC MACHINE,
AND METHOD OF MANUFACTURING THE
ROTARY ELECTRIC MACHINE**

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(57) **ABSTRACT**

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A rotor includes a first resin portion formed the periphery of a main shaft; a first core disposed the outer circumferential portion of the first resin portion; a magnet attached to the radial outside of the first core; and a second core disposed the radially outside end face of the magnet, wherein a plurality of structures in each of which the magnet is sandwiched between the first and second cores are disposed circumferentially around the main shaft, and a second resin portion is formed between the circumferential end faces of adjacent second cores and between the circumferential end faces of adjacent magnets, wherein the first core has a division surface on which the circumferential end faces of itself and an adjacent first core are in surface contact with each other, and wherein the second core is not in contact with an adjacent second core.

