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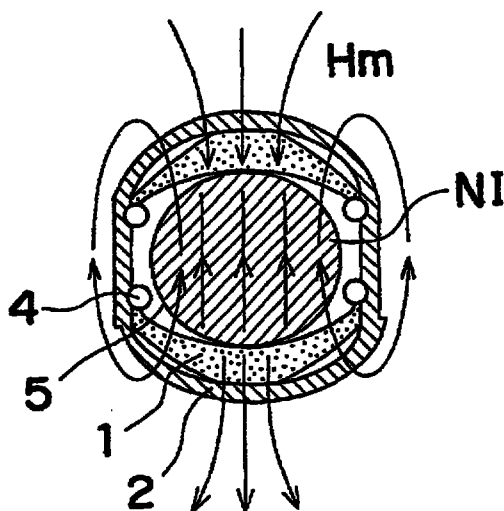
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(54) Title: PERMANENT MAGNET FIELD-TYPE COMPACT DC MOTOR AND METHOD OF MAKING SAME



(57) Abstract: A permanent magnet field-type compact DC motor having a high output and a low cogging torque is made by fixing a pair of rare earth magnets (1) mainly composed of rare earth-iron-based rapidly quenched and solidified flakes to a soft magnetic frame (2) so as to extend along an inner peripheral surface thereof, and by unsaturation-magnetizing the rare earth magnets so that demagnetization curves at circumferentially opposite end portions of the rare earth magnets are made smaller than a demagnetization curve at a central portion of a magnetic pole of each of the rare earth magnets.

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