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(54) **DC MOTOR COMPRISING ACCELERATOR  
AND ENERGY STORAGE RING**

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(71) Applicants: **Zhenya ZHANG**, Shanghai (CN);  
**Jiaqing ZHANG**, Shanghai (CN)

(72) Inventors: **Zhenya ZHANG**, Shanghai (CN);  
**Jiaqing ZHANG**, Shanghai (CN)

(73) Assignees: **Zhenya ZHANG**, Shanghai (CN);  
**Jiaqing ZHANG**, Shanghai (CN)

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**ABSTRACT**

A direct-current (DC) motor including an accelerator and an energy storage ring is disclosed, a rotor of the DC motor includes Z slots embedded with Z rotor hollow tubes (1), two ends of the Z rotor hollow tubes (1) are connected to rotor commutation rings (2), two fixed commutation rings (3) are installed on two sides of the two rotor commutation rings (2), a gap is provided between a fixed commutation ring (3) and a rotor commutation ring (2) adjacent to the fixed commutation ring (3), the two fixed commutation rings (3) communicates with each other through Z fixed hollow tubes (4), the Z rotor hollow tubes (1) and the Z fixed hollow tubes (4) constitute the energy storage ring (6), fixed commutation hollow tube groups (5) are connected at a junction of two main magnetic poles.

