CLAIMS

1. A direct-current electric motor, **characterized in**, that it is provided with a first basic element (1) made of magnetic conductive material and carrying a system of unipolar and radially oriented magnets and further provided with a second basic element (2) made of magnetic non-conductive material and carrying at least one coil (4) with leads for connection to a source of d-c current, while the first and the second basic elements (1 ,2) are mutually movable and the coil (4) is located on a core (5) made of a magnetic conductive material and arranged mutually spaced apart along the system of the magnets.

2. A direct-current electric motor according to claim 1, **characterized in**, that the magnets are made of permanent magnets (3).

3. A direct-current electric motor according to claim 1 or 2, **characterized in**, that the first basic element (1) serves as stator and the second basic element (2) in a swivelling seat carries a core (5) supporting at least one coil (4).

4. A direct-current electric motor according to claim 1 or 2, **characterized in**, that a motor stator comprise the first basic element (1) and the core (5), while a motor rotor comprise the second basic element (2) being positioned in a swivelling seat and carrying at least one coil (4), the coil (4) being arranged spaced apart around the core (5).