

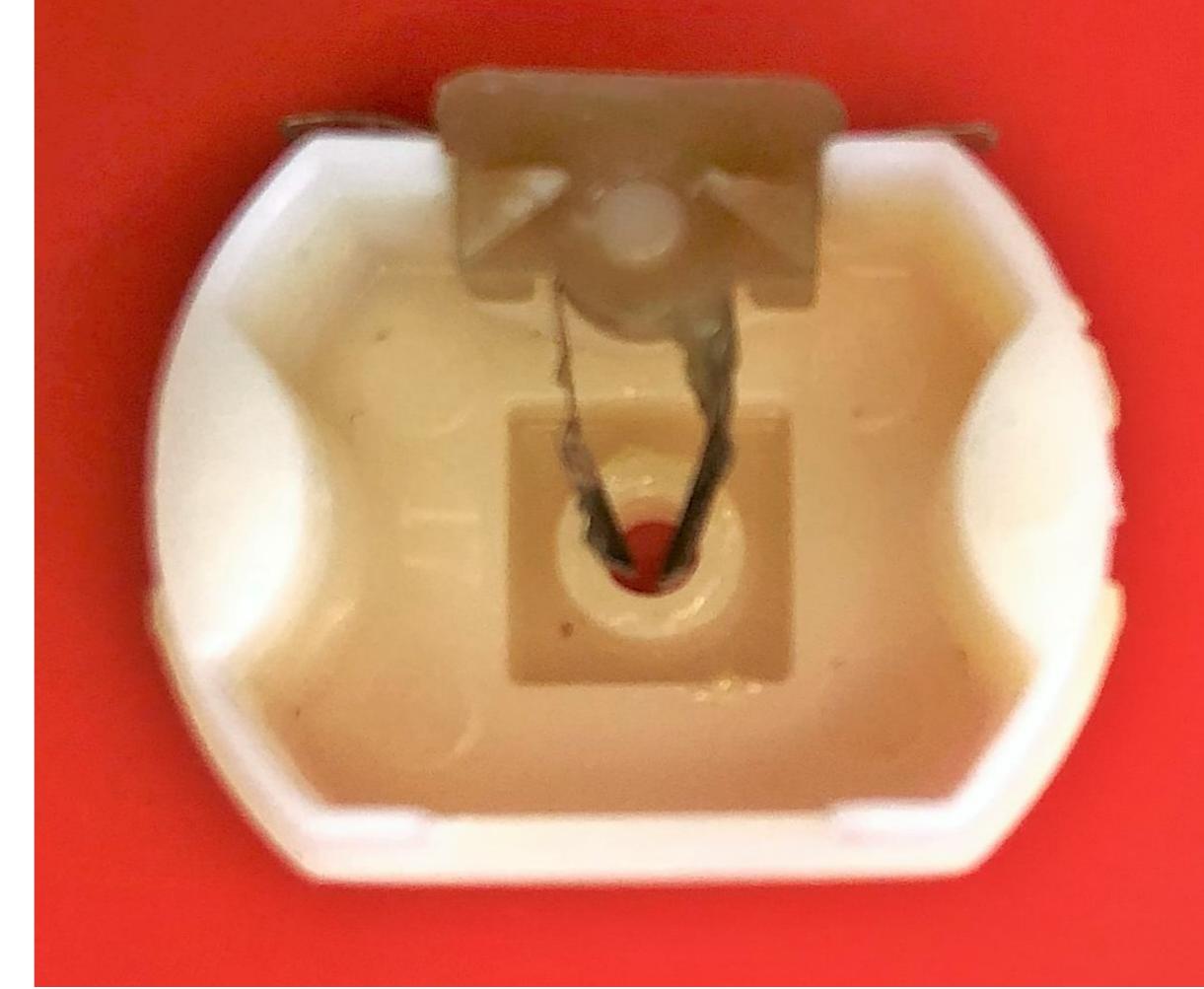
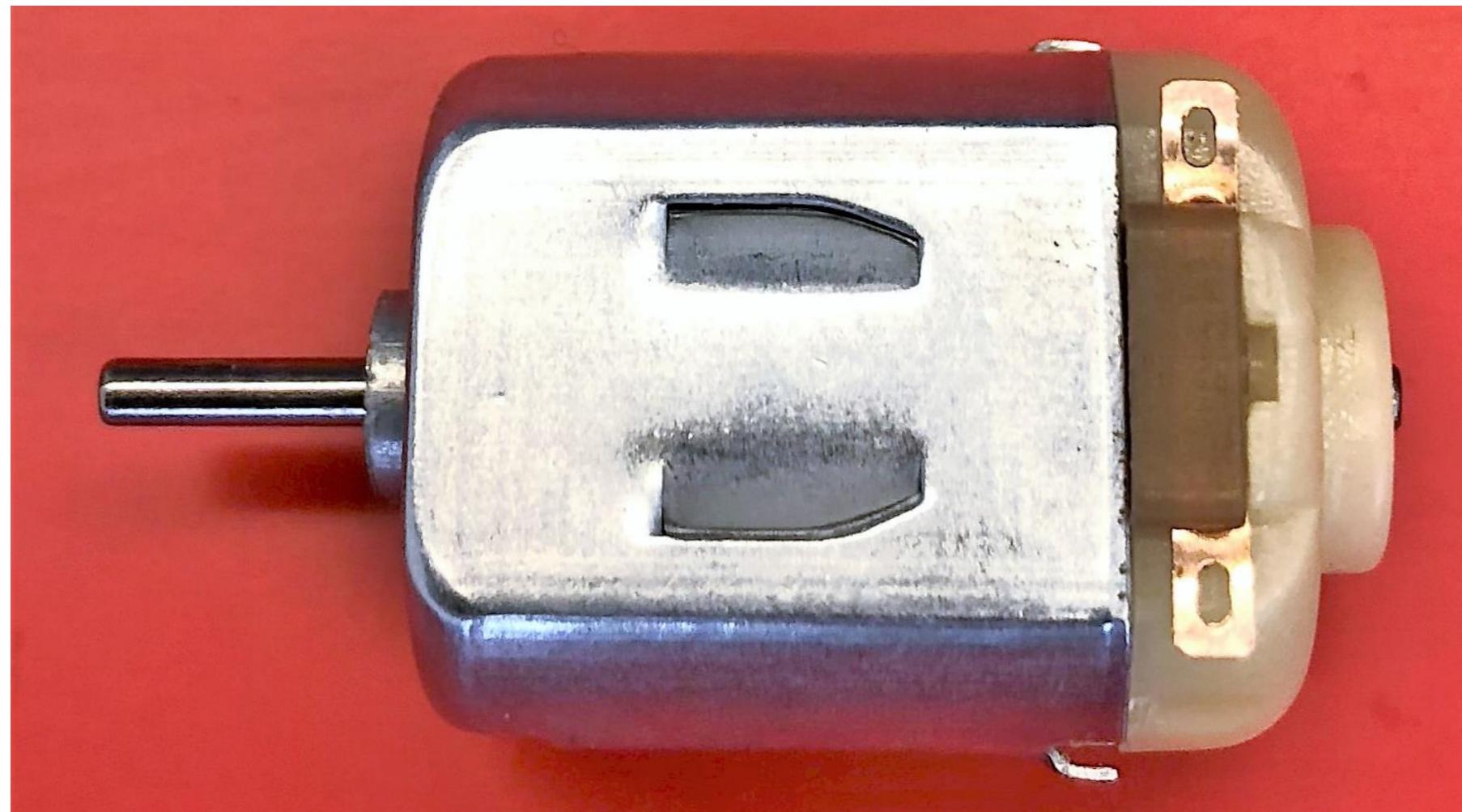
Moteur à courant continu: fonctionnement

Conversion électromécanique

Prof. Perriard & Dr Koechli

Moteur CC: principe de fonctionnement

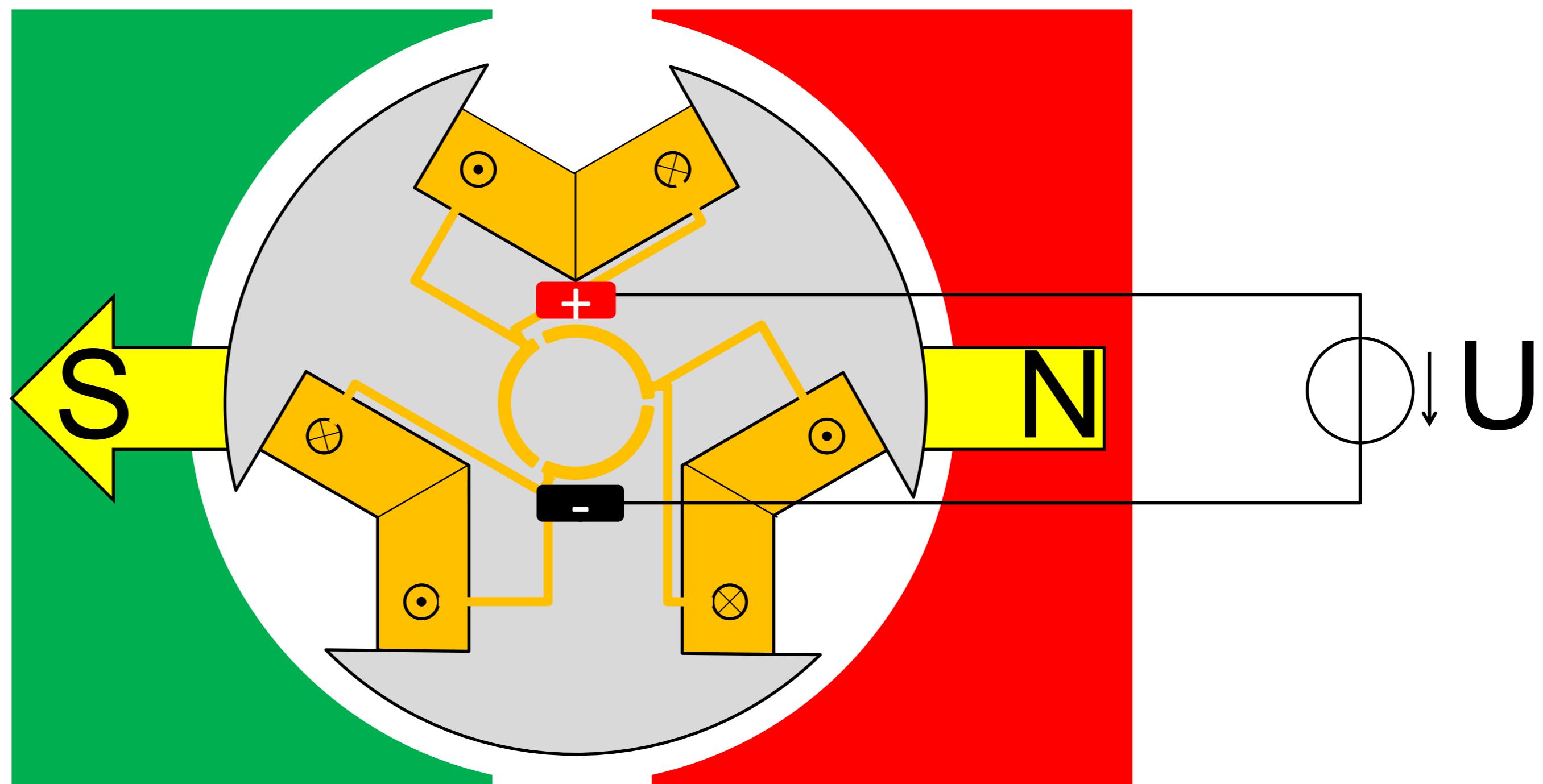
Structure: stator

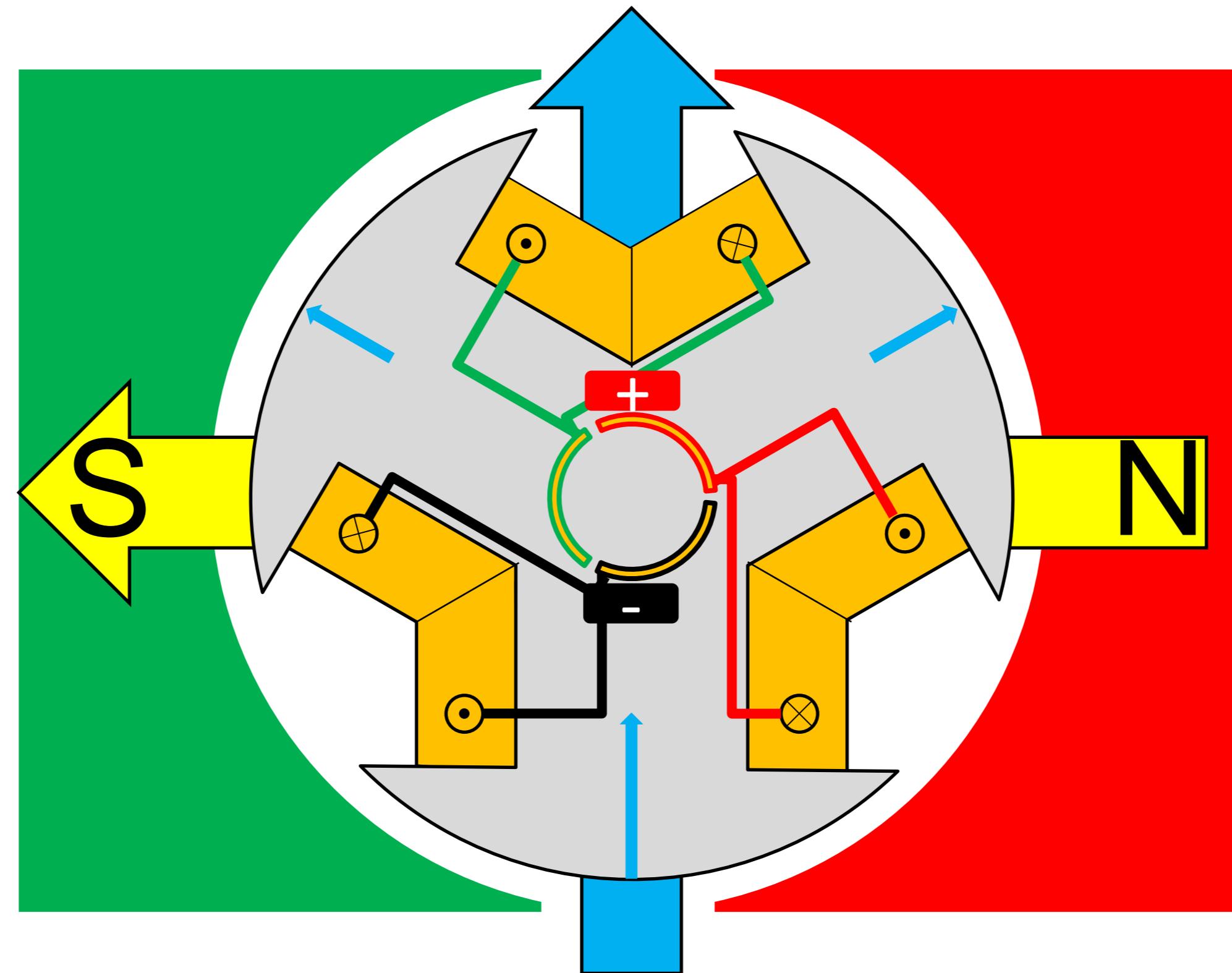


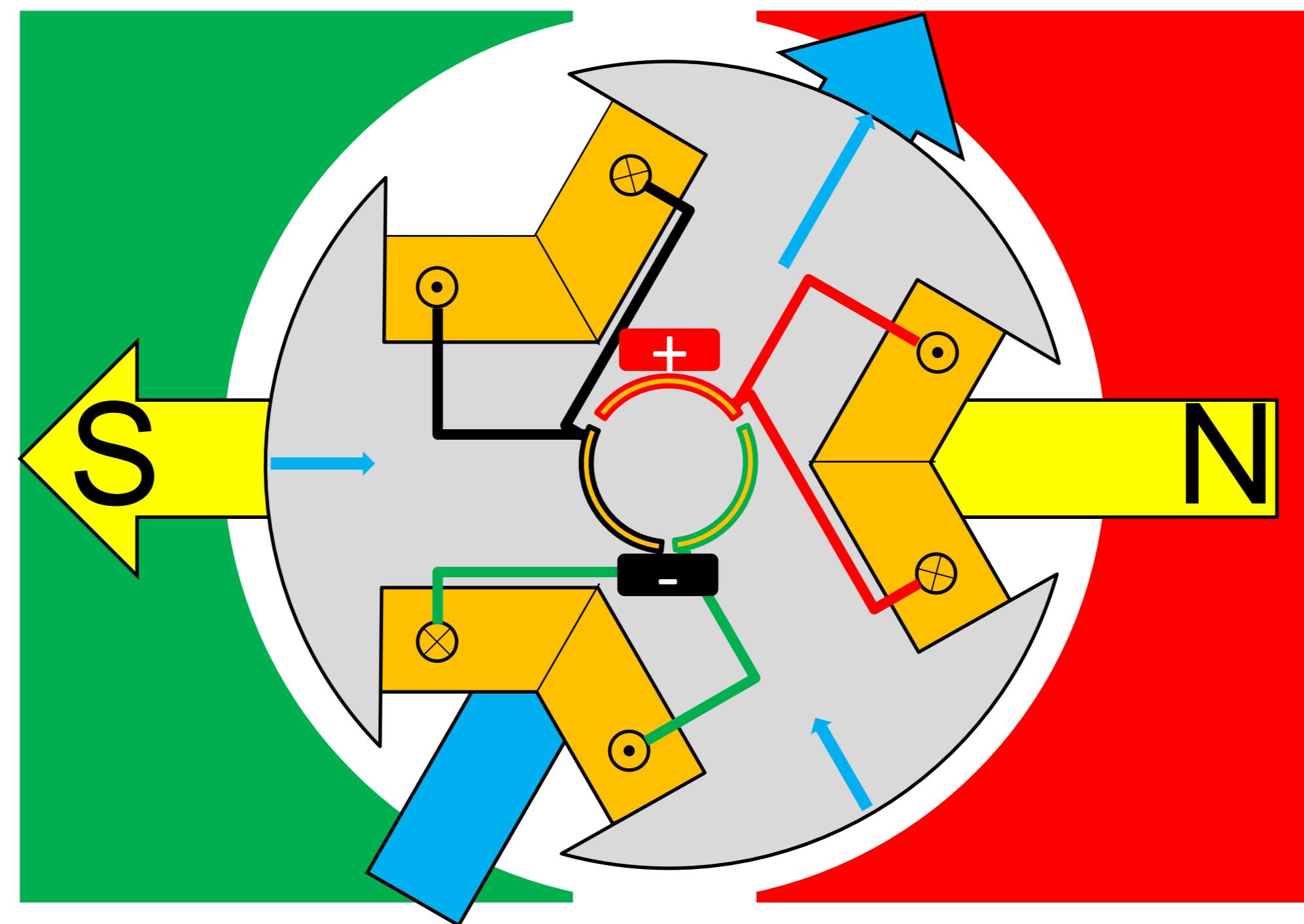
Structure: rotor

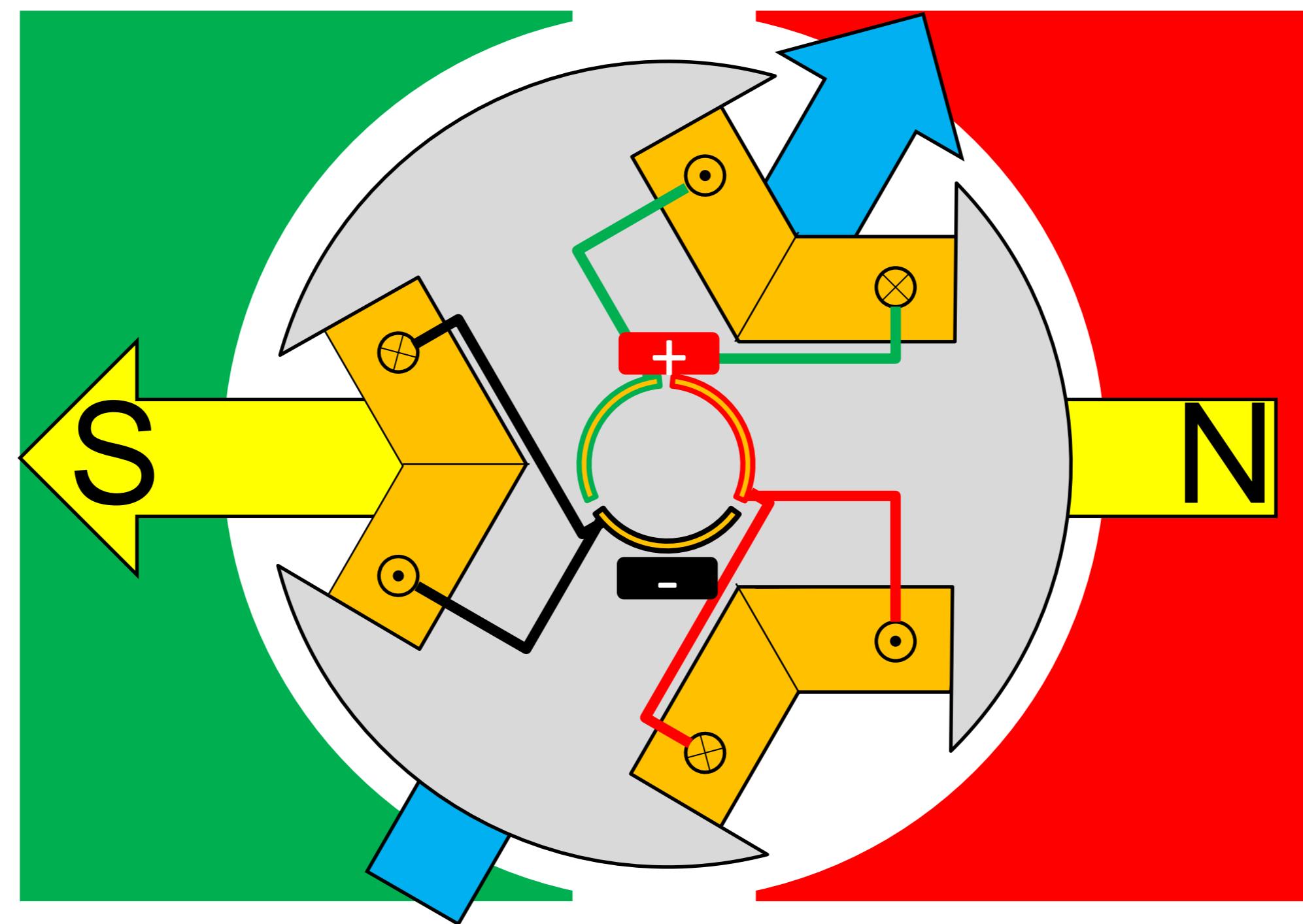


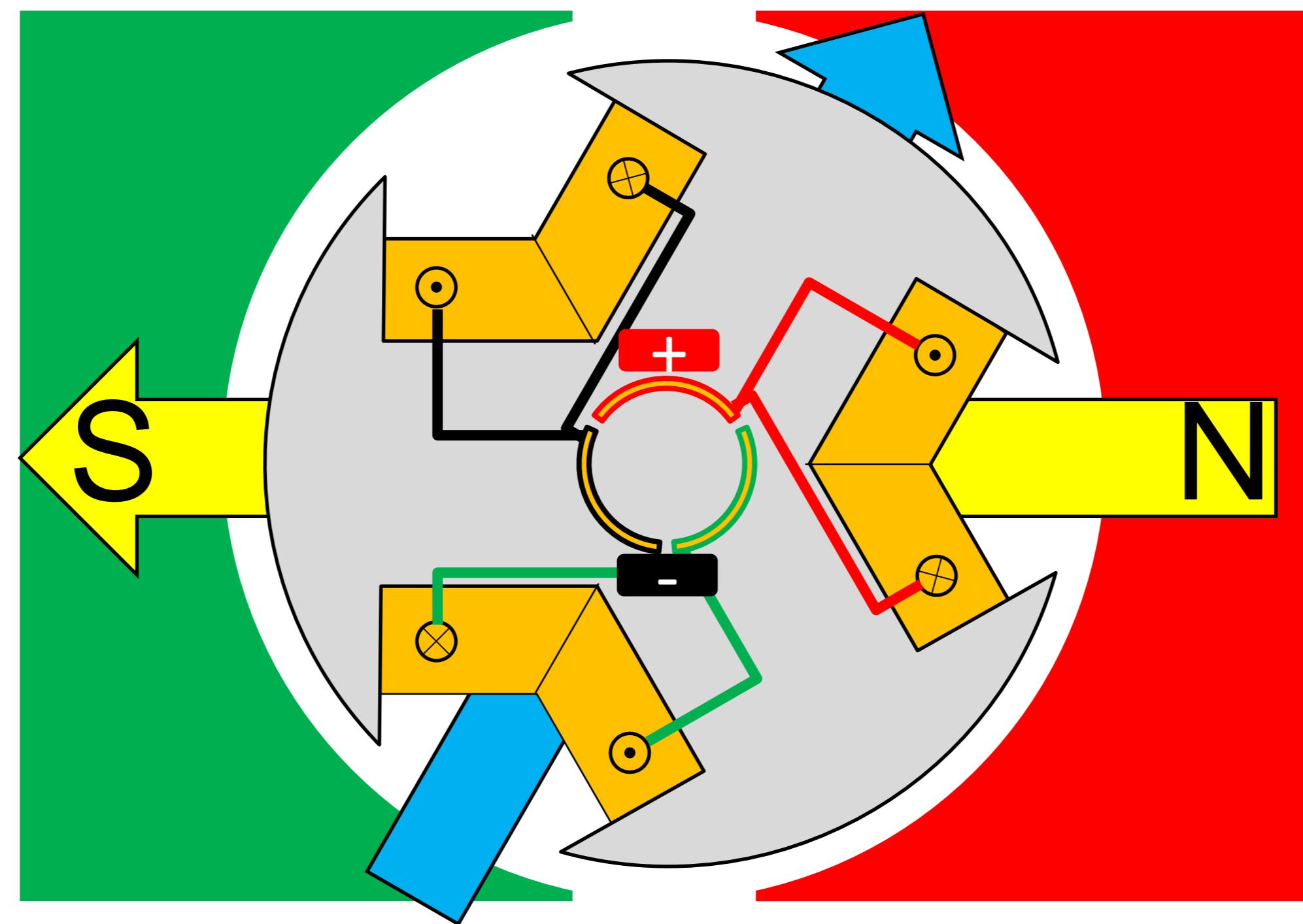
Fonctionnement

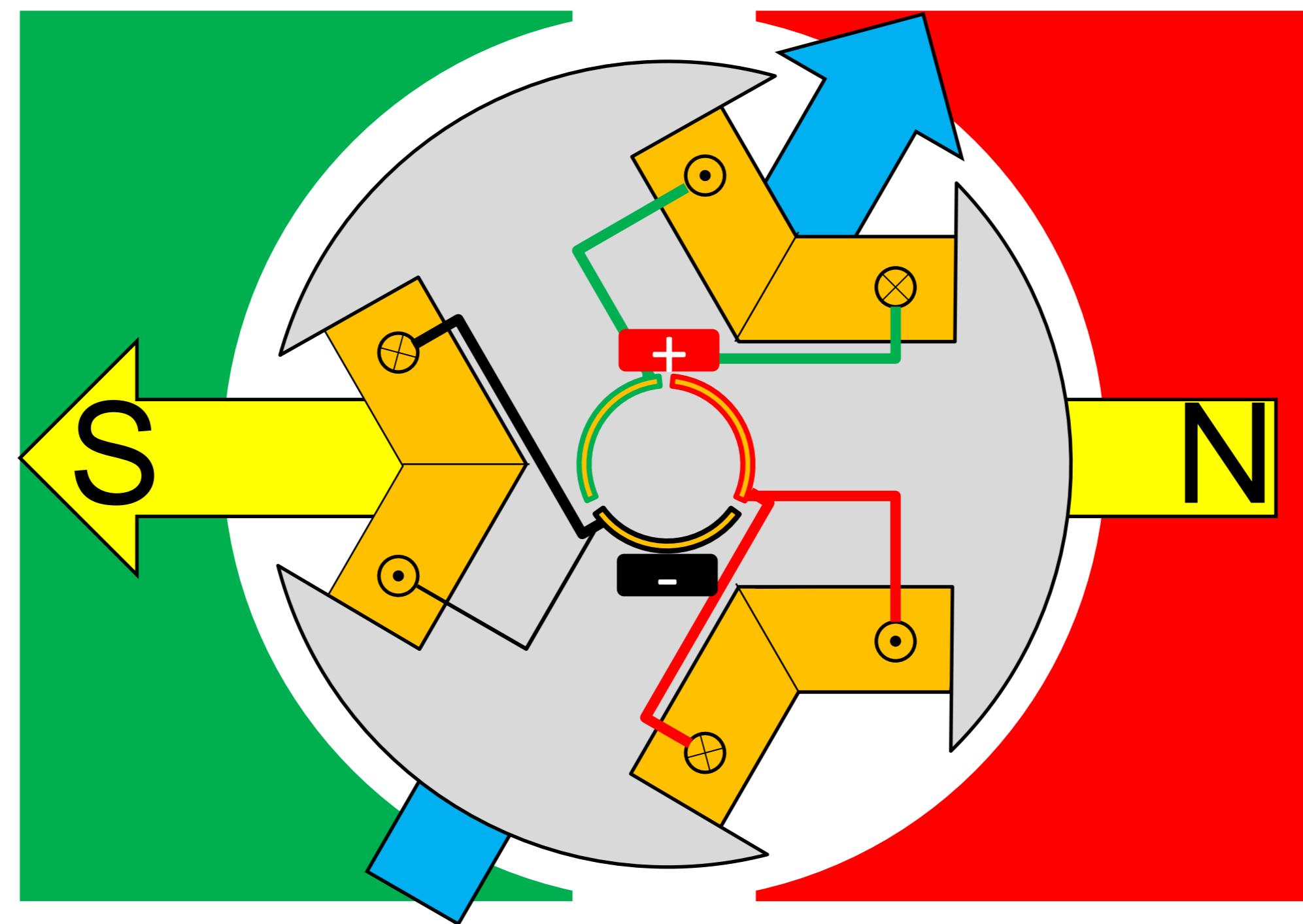












Conclusion

- Structure du moteur:
 - excitation (bobine ou aimant);
 - collecteur;
 - ballais / charbons.
- Création du couple
 - Flux statorique constant
 - Commutation mécanique des bobines rotor
 - Flux rotorique «constant»