Electric Traction Electric Drives

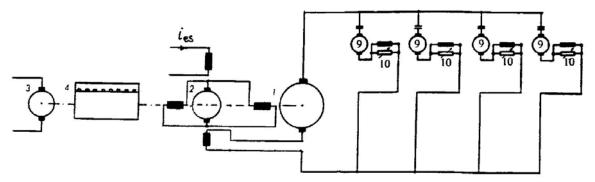
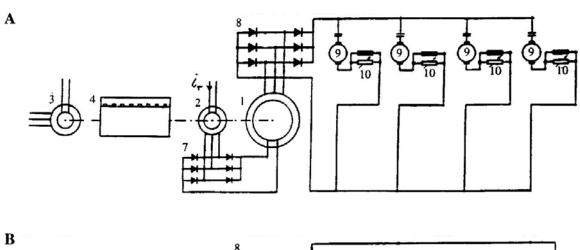


Fig. 4.207 Thermo-electric drive: DC-generator.



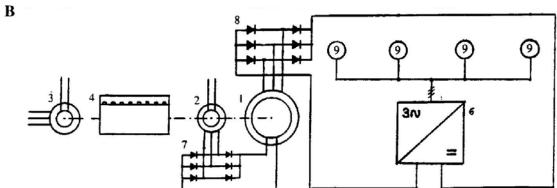


Fig. 4.218 Thermo-electric drive: synchron alternator with rectifier

- A Commutator motors.
- **B** Induction motors and inverter.

Electric Traction Electric Drives

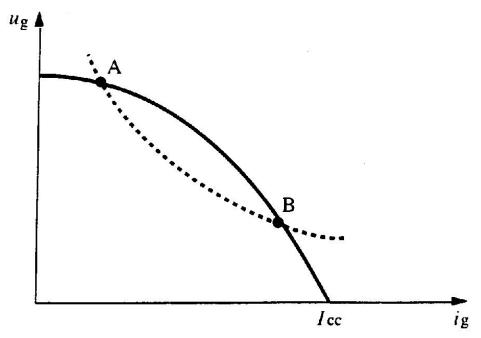


Fig. 4.221 Maximal output characteristic of an alternator.

The dotted curve AB shows the power limit of diesel motor.

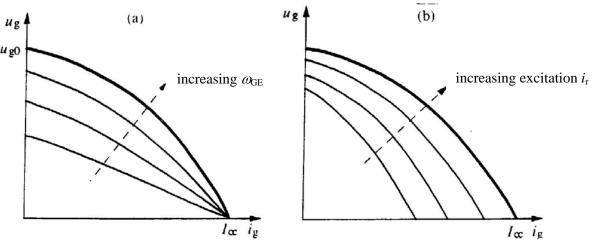


Fig. 4.222 Output characteristics of an alternator:

- **a** For different values of group speed at constant excitation.
- **b** For different values of excitation at constant group speed.