

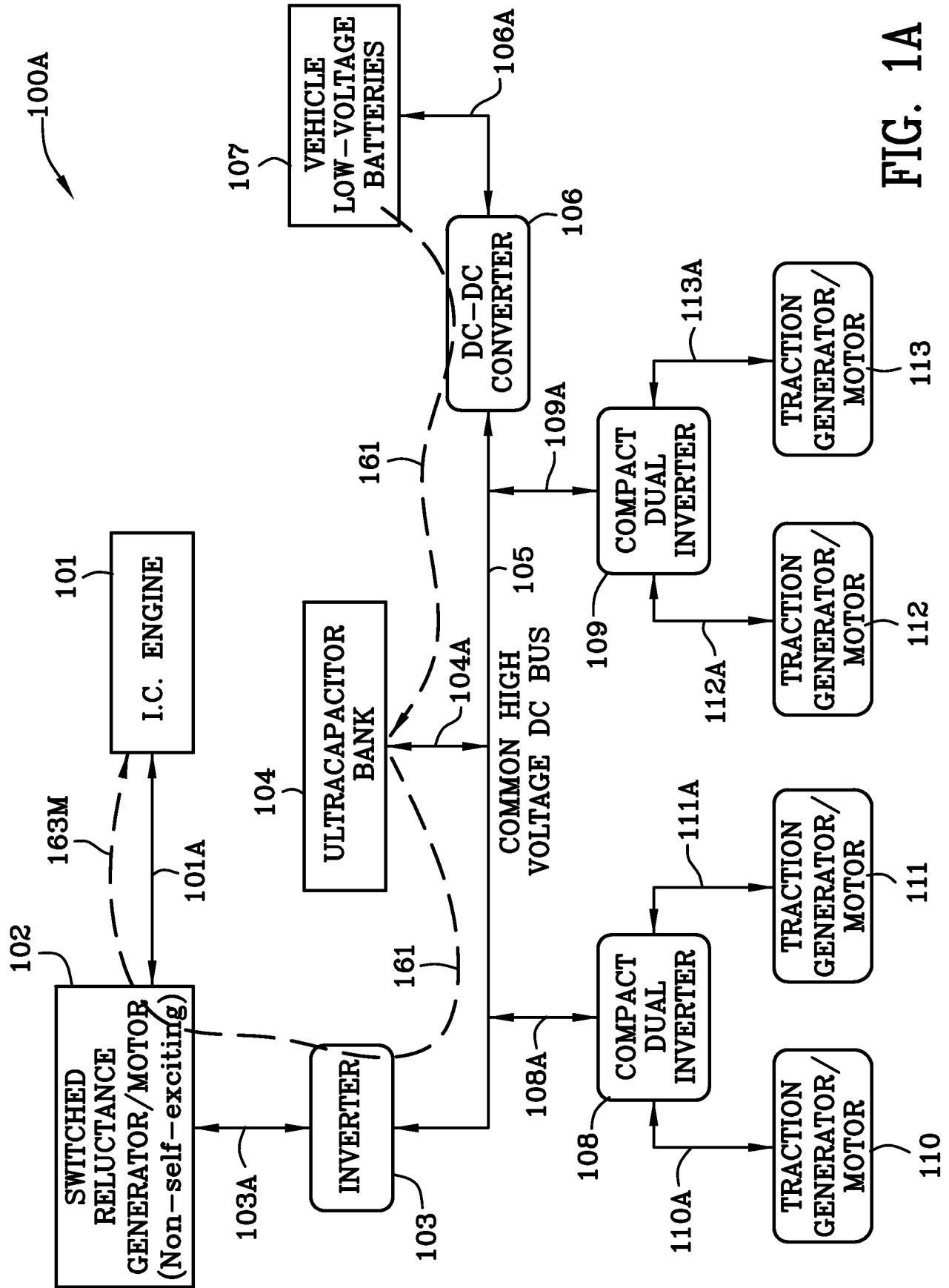


FIG. 1A

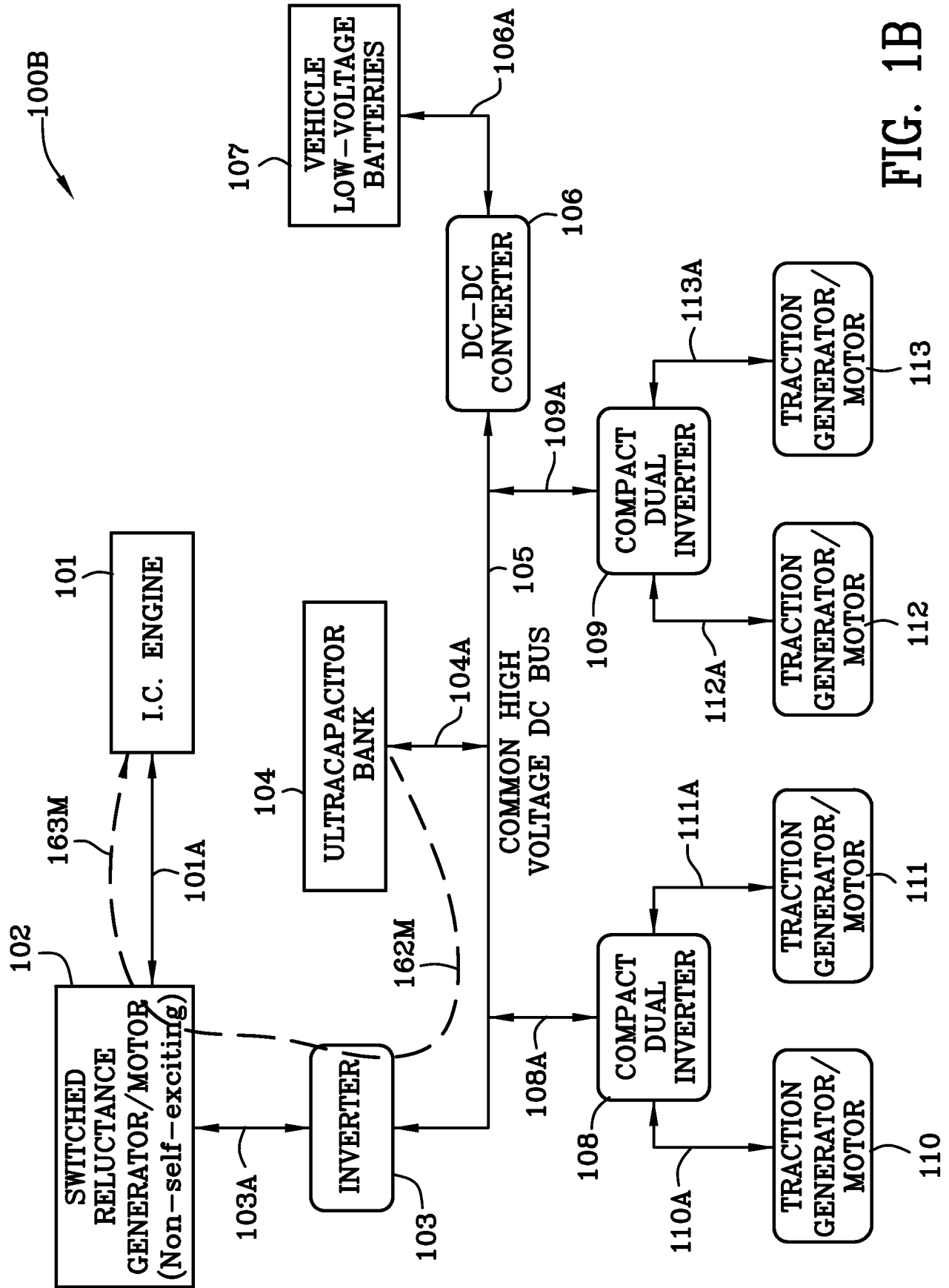


FIG. 1B

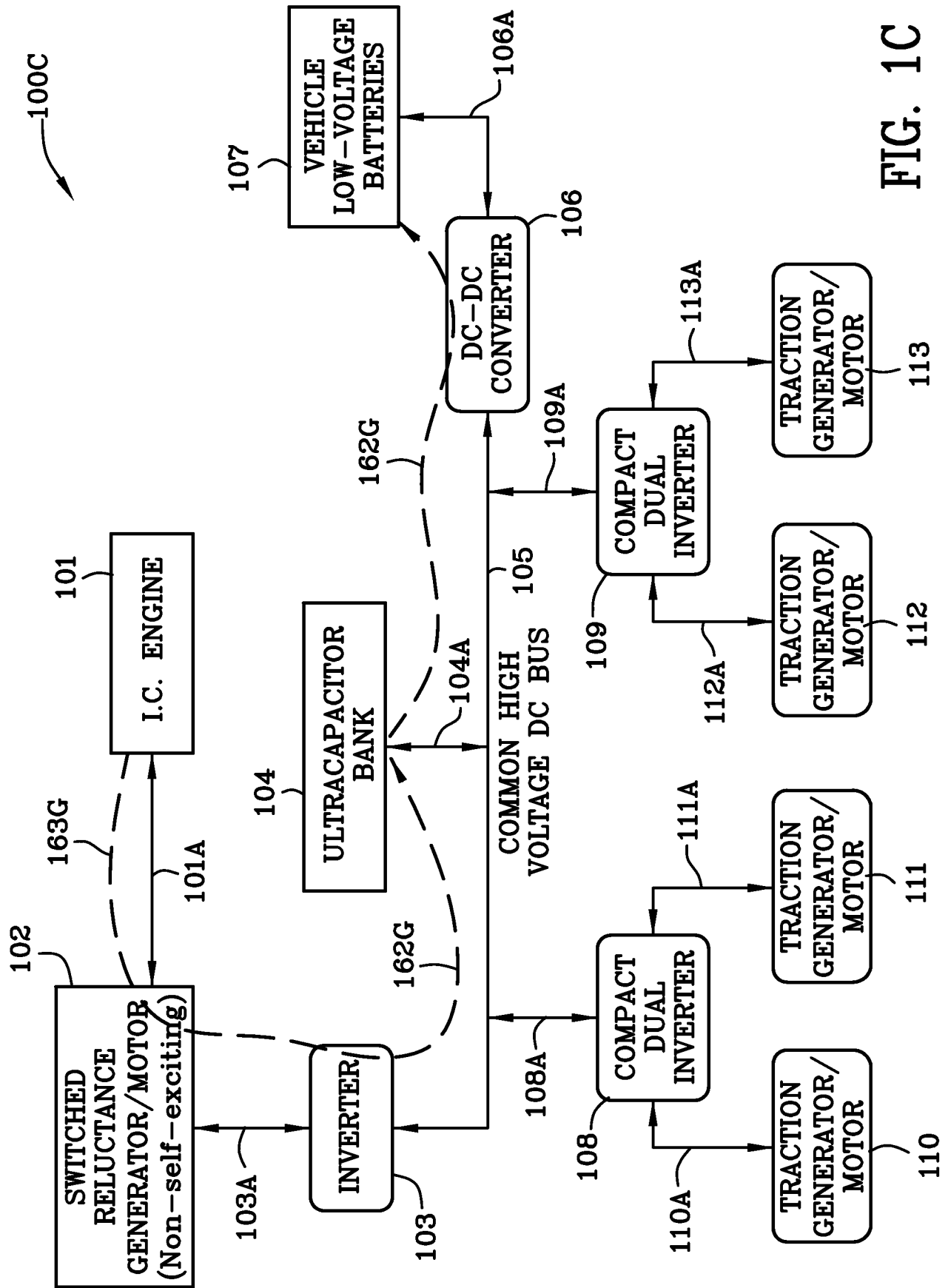


FIG. 1C

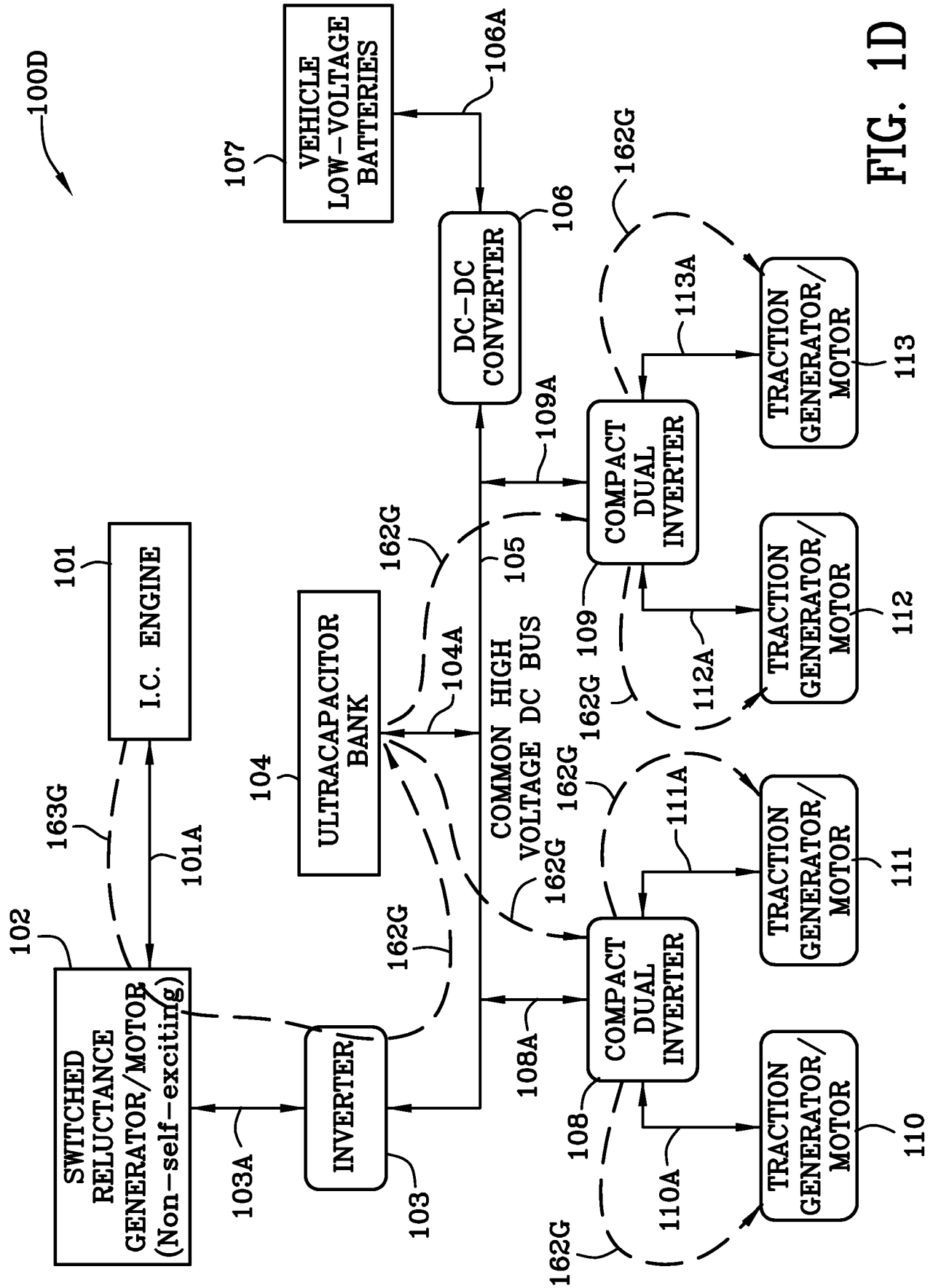


FIG. 1D

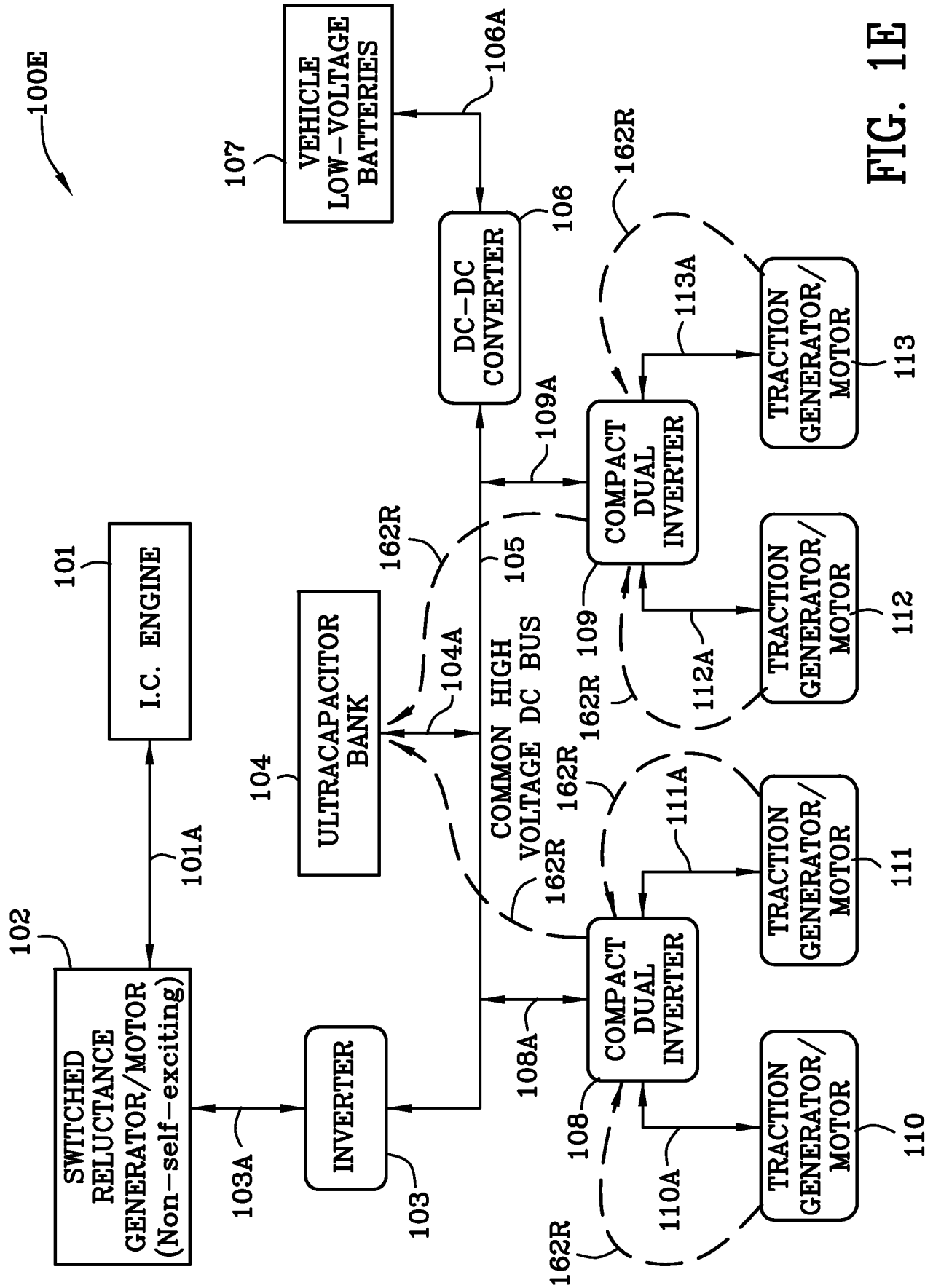


FIG. 1E

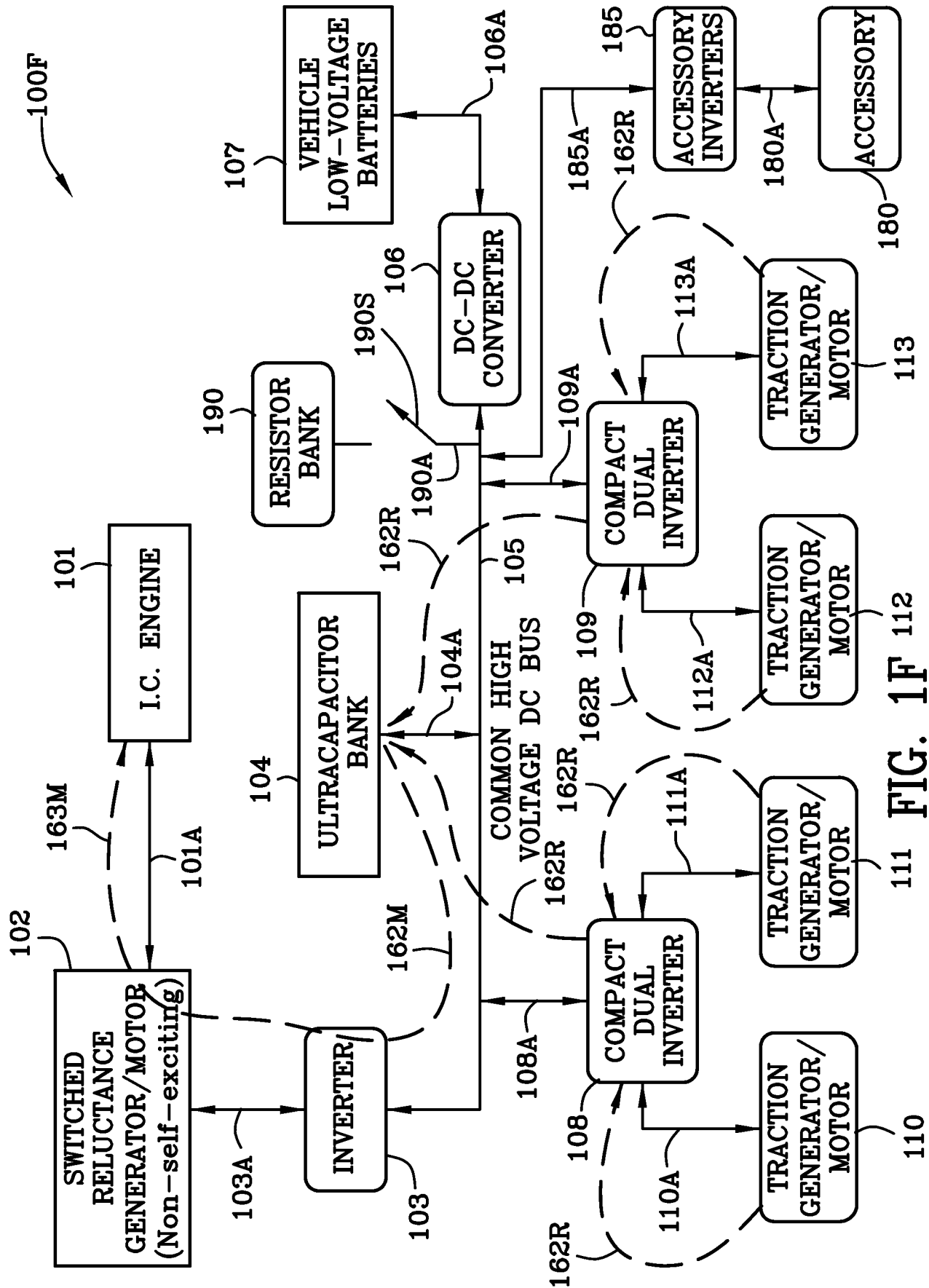


FIG. 1F

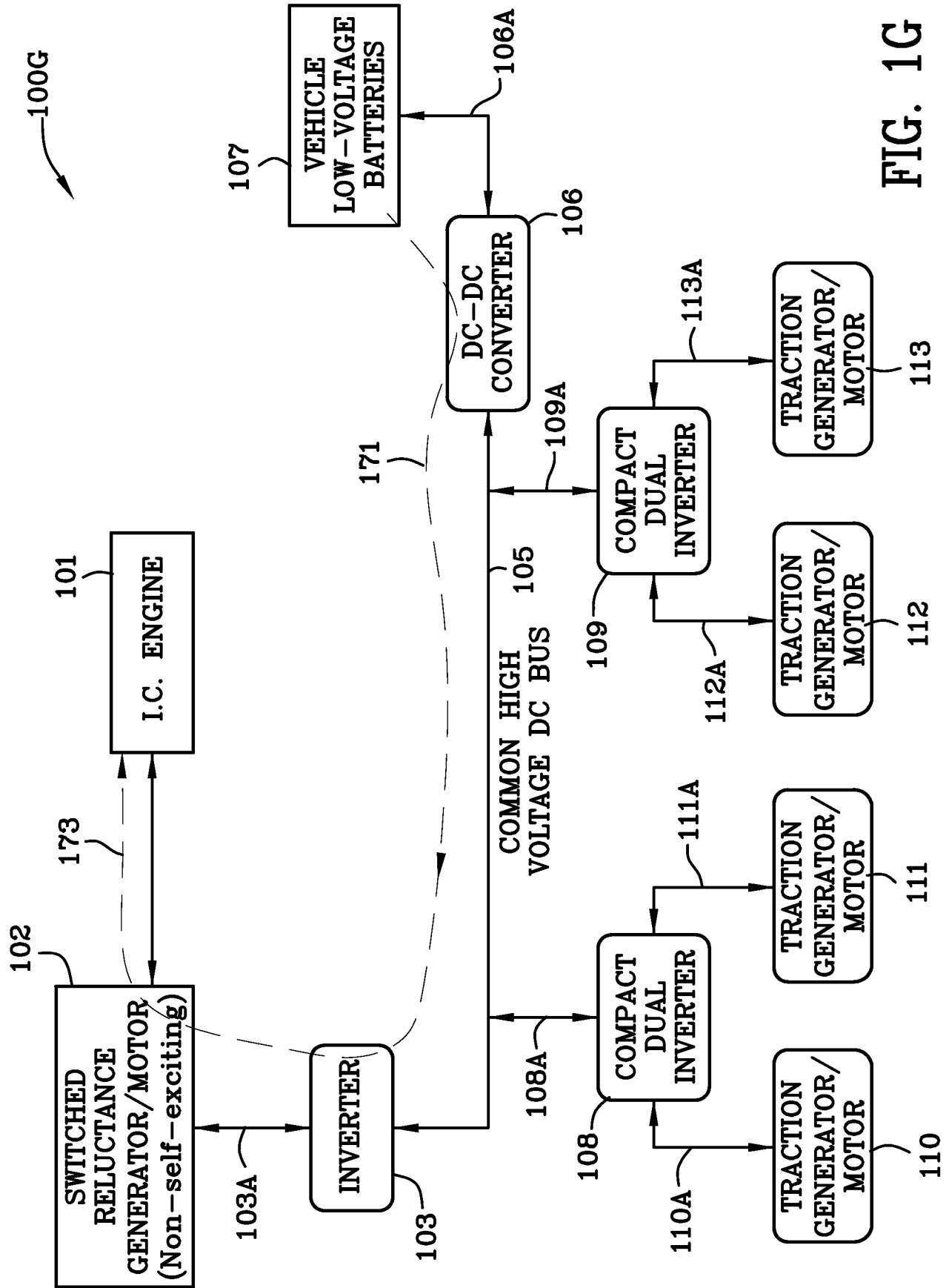


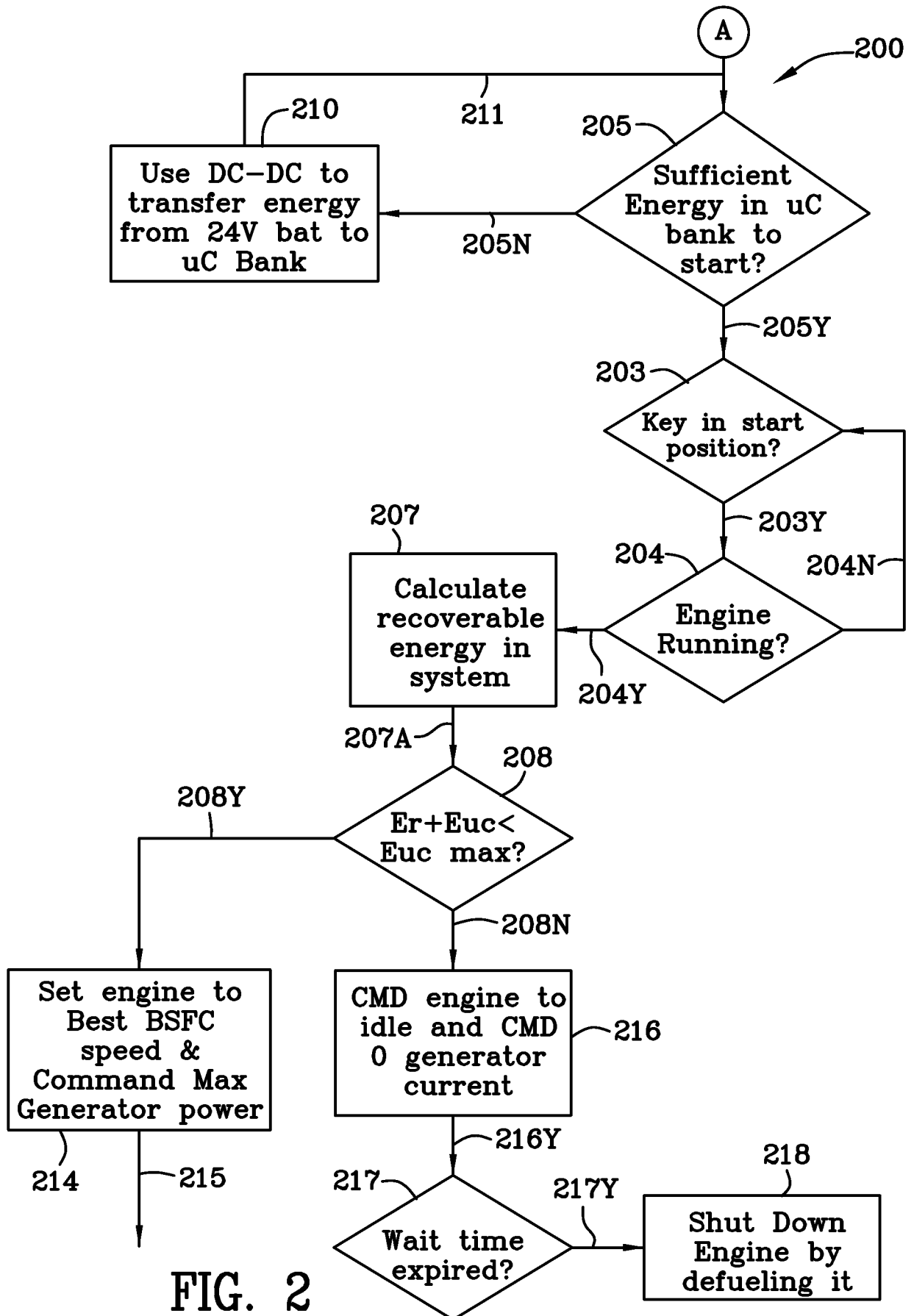
FIG. 1G

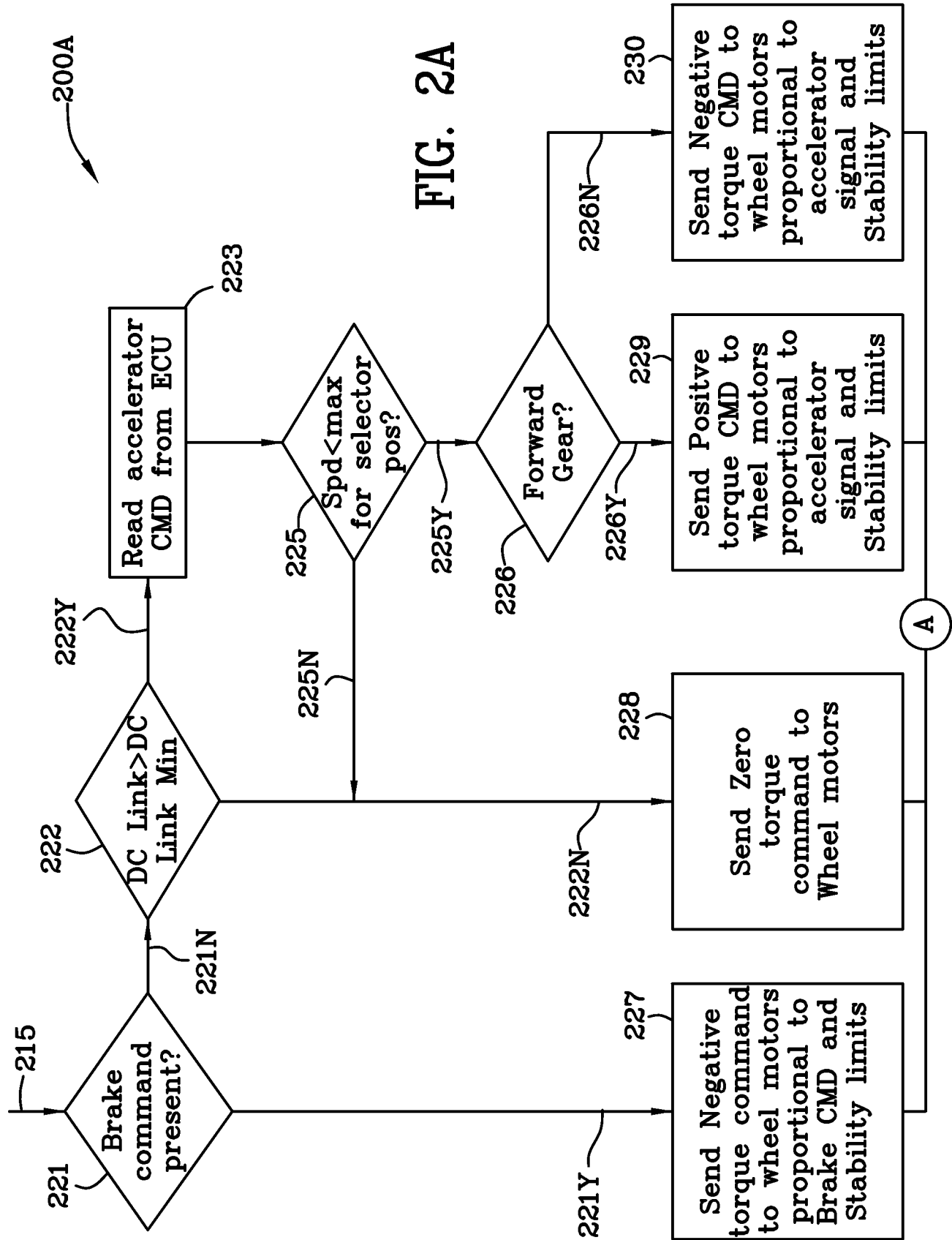
100H



- COLD PLATE
- DC-LINK CAPACITOR BANK
- BUS BARS
- HOUSING
- HIGH VOLTAGE CONNECTOR AND WIRING
- LOW VOLTAGE ELECTRONICS

FIG. 1H





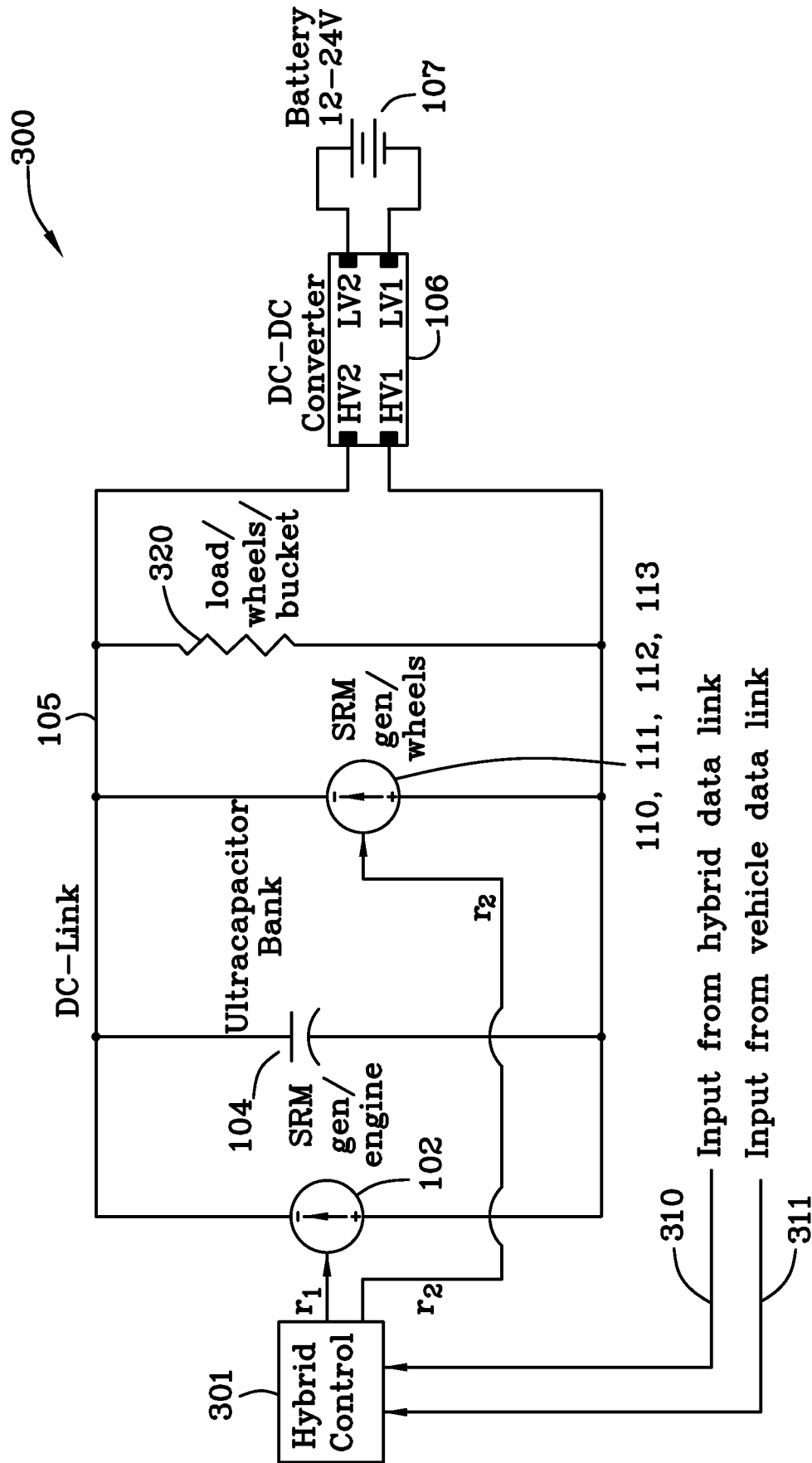


FIG. 3

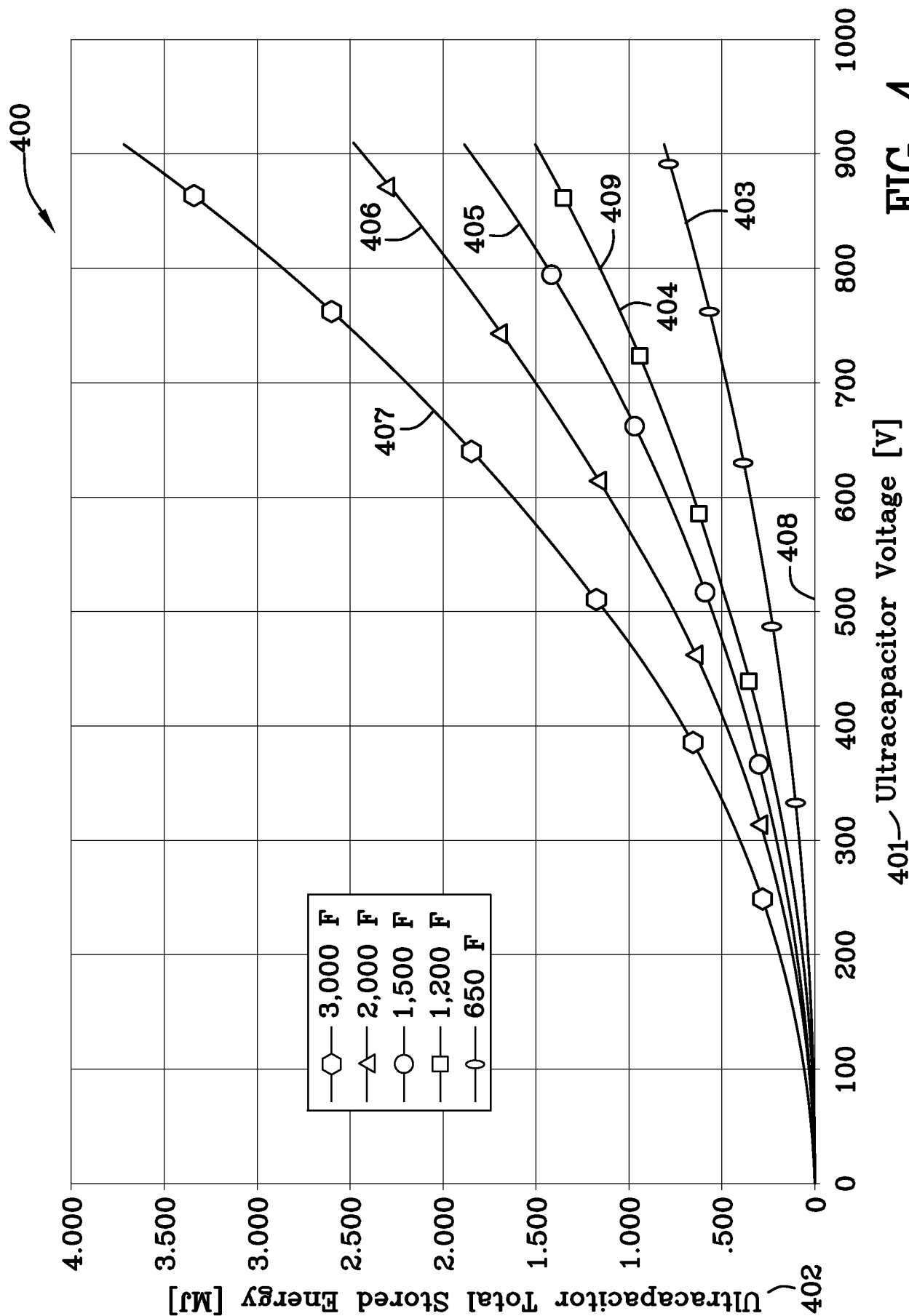
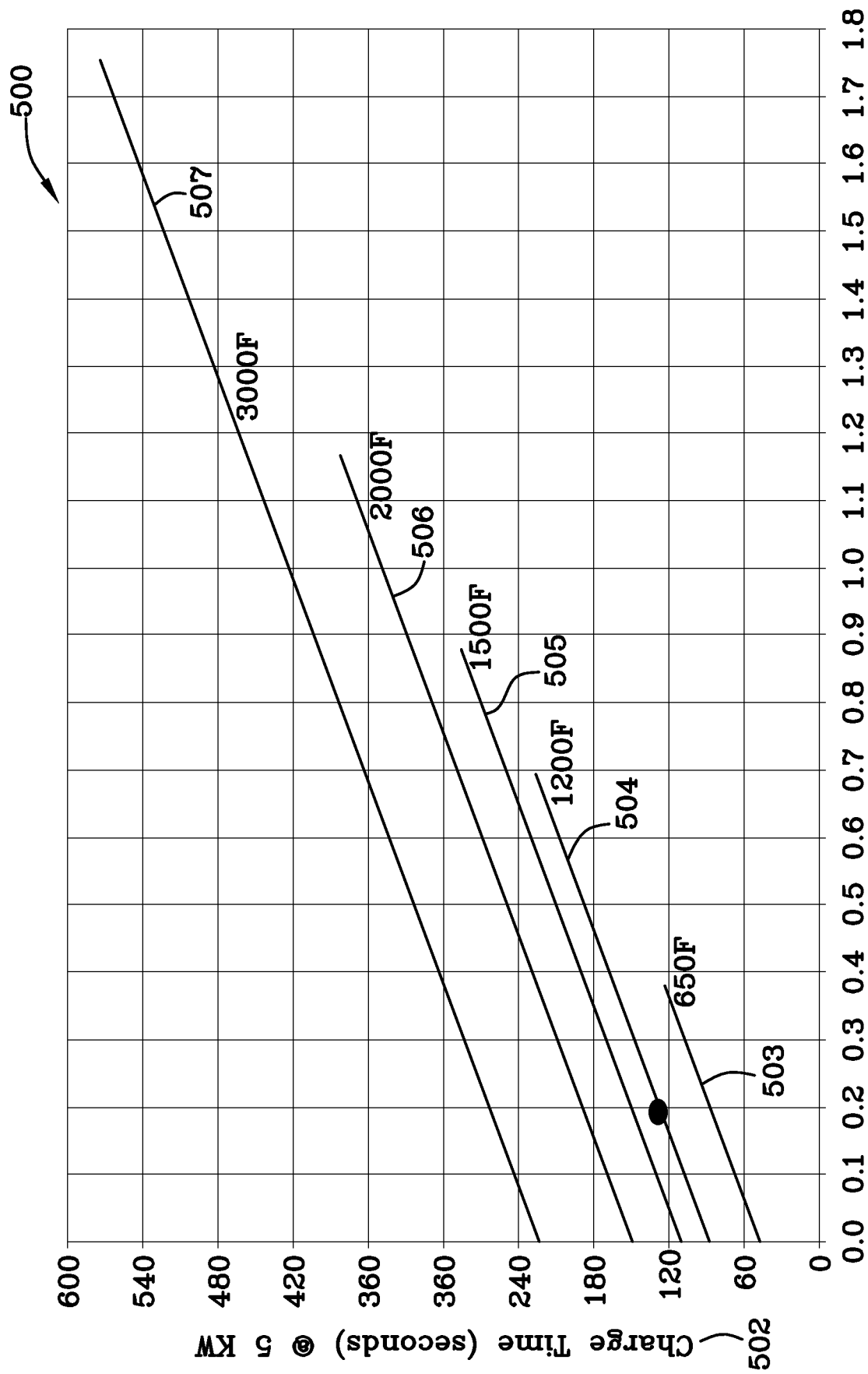
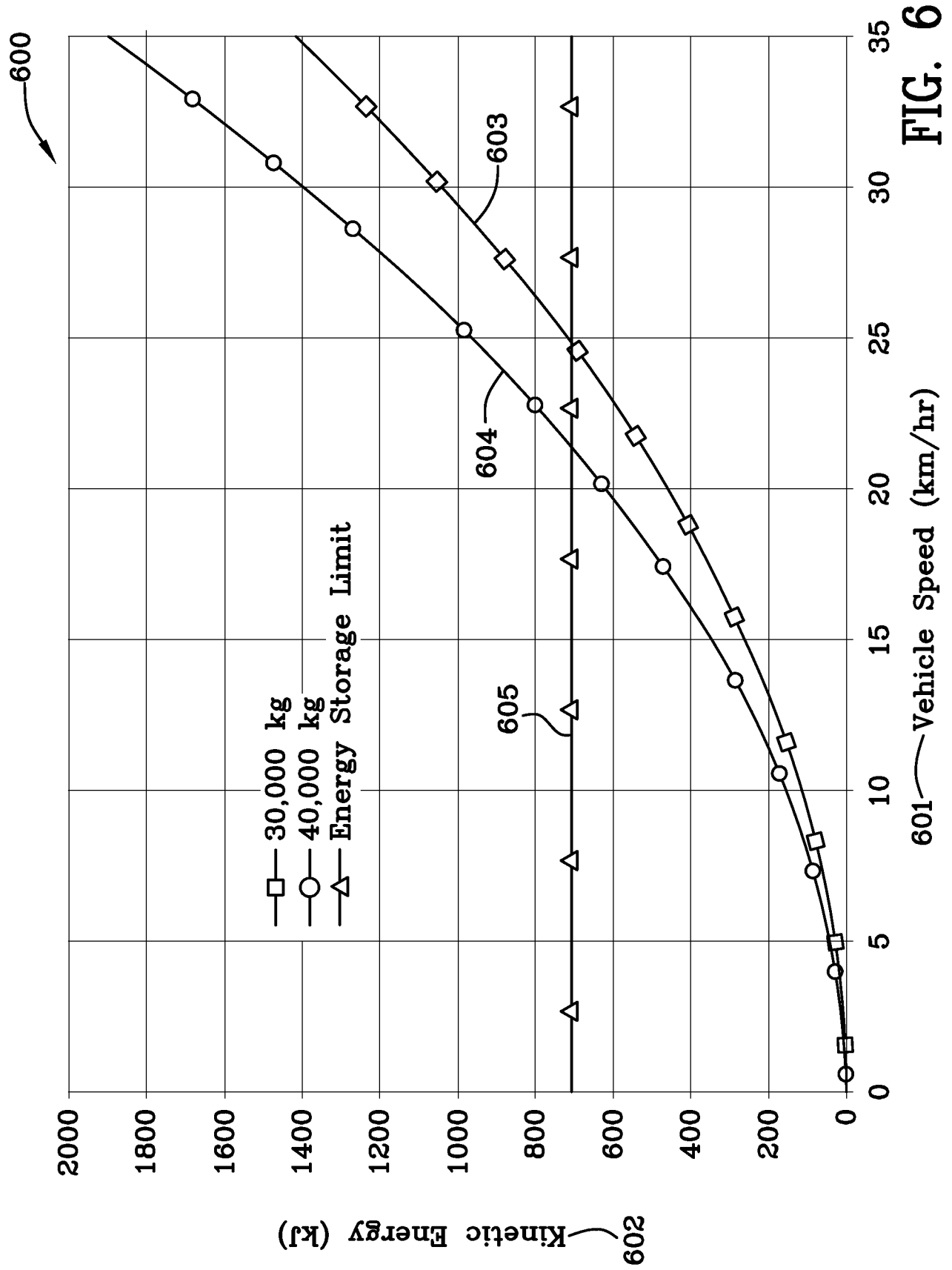


FIG. 4



501— Usable Energy [MJ], Ultracapacitor Bank is at 500 to 800V

FIG. 5



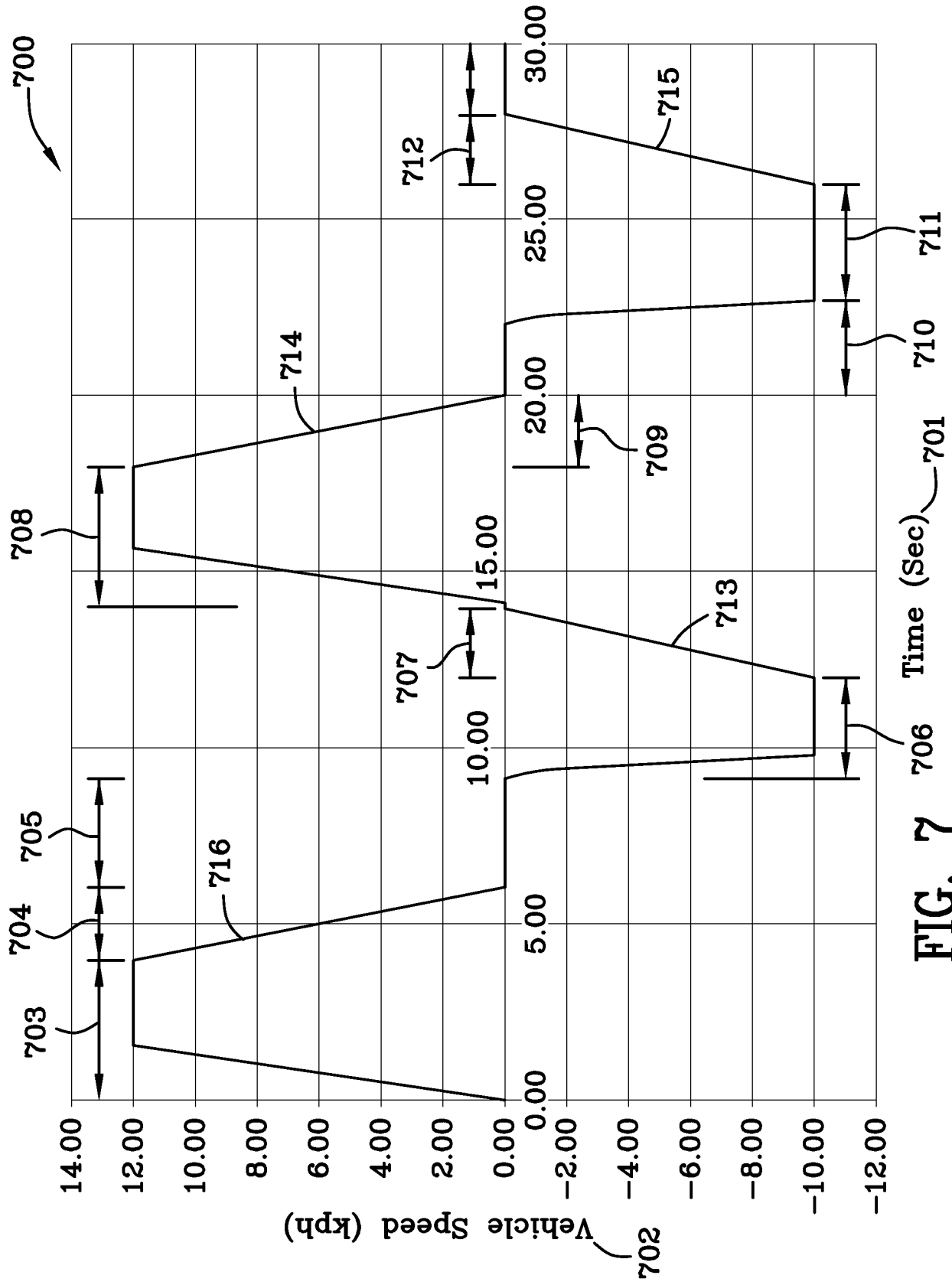


FIG. 7

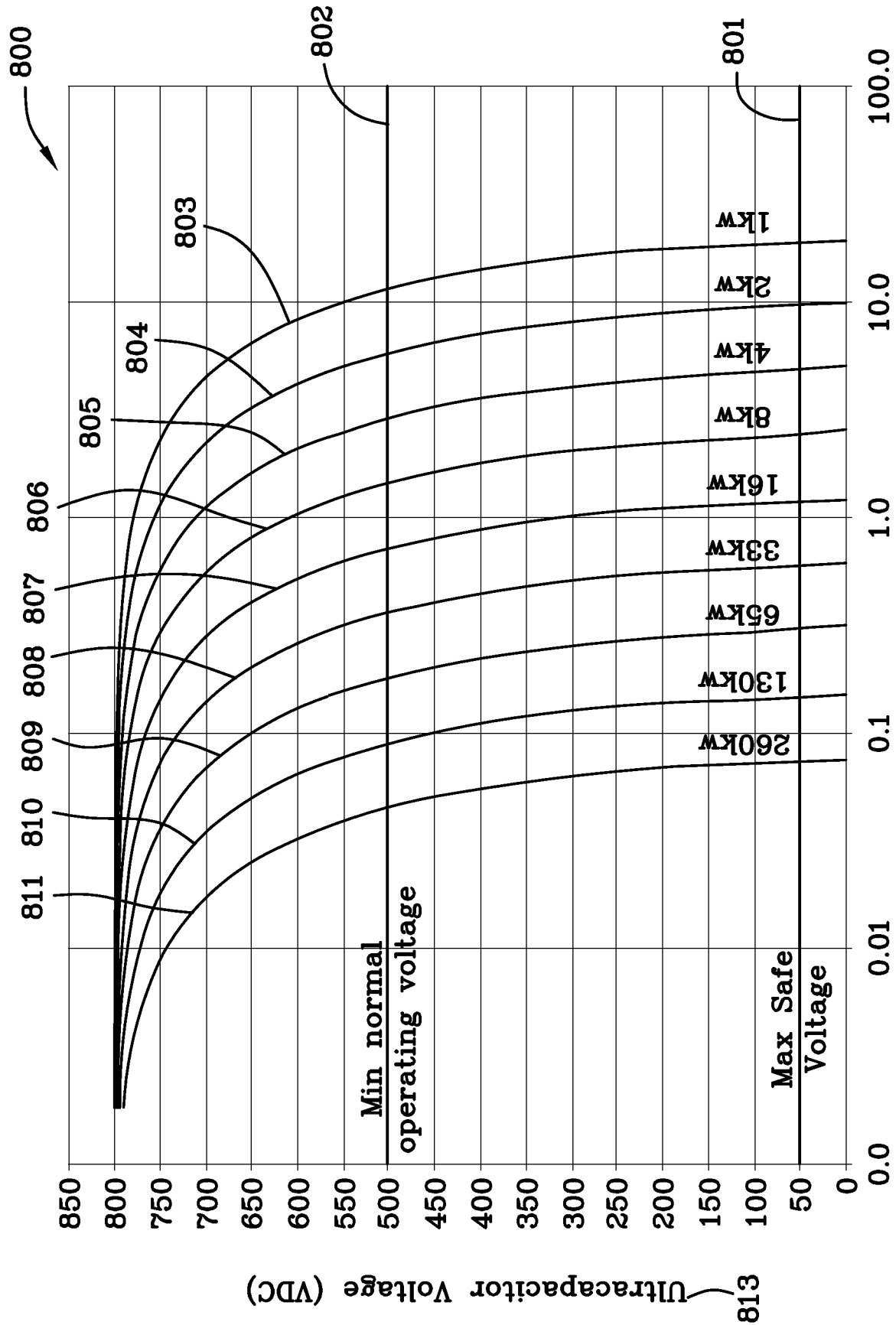


FIG. 8 Ultracapacitor Discharge Time (minutes)

Ultracapacitor Voltage (VDC)