

Patents

Key drivers in all of these applications are power density; system efficiency; weight; reliability; power quality; and total ownership cost. Numerous patents have been developed in relation to the above projects including:

5,564,516	Clutched Electric Motor System
5,929,612	Externally Field Controlled Induction Generator
5,969,446	Flywheel Permanent Magnet Machine
6,097,124	Hybrid Permanent Magnet/Homopolar Generator and Motor
6,118,238	Motor Starting Apparatus for an Engine Driven Generator
6,222,349	Temperature Feedback Control of Alternator Output Power
6,239,582	Motor Vehicle Alternator Having a Single Voltage Sensor & a ½ Wave Controlled Rectifier Bridge for Increasing Output
6,273,186	Low Cost High Density Staggered Pin Fin Array
6,498,713	Low Inductance Capacitors
6,515,383	Passive, Phase-Change, Stator Winding End-Turn Cooled Electric Machine