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(54) **SELF-POWERED INTERNAL ENERGY AND POWER GENERATION SYSTEM AND PROCESS**

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(57) **ABSTRACT**

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The invention relates to an energy and power generation system and process, especially self-powered motor and generator/alternator set-up. The system has at least one upsized drive shaft adapted as one of the main elements thereof including an upsized main body of non-typical size having substantially and proportionately enlarged diameter and/or length based on typical standard drive shaft sizes normally and correspondingly adapted for power generation systems or devices of commensurate capacity ratings, preferably motor-generator systems, generators or alternators, or electric motors. When in inertial rotation, the upsized shaft inertially produces/generates and adds input power/energy to the subsequent electrical input power/energy derived from the motor resulting in an overall input power/energy that is efficiently converted/transformed by the generator/alternator into electrical output power/energy that is greater than the electrical input power/energy supplied to the motor. The excess useful electrical output power/energy is used for other loads and/or charging/recharging a power source or battery pack that is used to initially start up the motor.

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