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पेटेंट कार्यालय का एक प्रकाशन
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(54) Title of the invention : SPGE-VEHICLE: SELF POWER GENERATING INTELLIGENT ELECTRIC VEHICLE.

<p>(51) International classification :H01M 8/2483</p> <p>(31) Priority Document No :NA</p> <p>(32) Priority Date :NA</p> <p>(33) Name of priority country :NA</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No :NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant :</p> <p>1)Mr. K. Victor Sam Moses Babu (Senior Research Fellow) Address of Applicant :Department of Electrical Engineering, Osmania University, Hyderabad, Telangana, India 500007. E- mail: victorsam.k@gmail.com Ph: 8754423216 Telangana India</p> <p>2)Mr. Surya Prakash Thota (Assistant Professor)</p> <p>3)Ms. Narmada Byreddy (Assistant Professor)</p> <p>4)Dr. Deepika T.J. (Assistant Professor)</p> <p>(72)Name of Inventor :</p> <p>1)Mr. K. Victor Sam Moses Babu (Senior Research Fellow)</p> <p>2)Mr. Surya Prakash Thota (Assistant Professor)</p> <p>3)Ms. Narmada Byreddy (Assistant Professor)</p> <p>4)Dr. Deepika T.J. (Assistant Professor)</p>
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(57) Abstract :

Abstract Our Invention SPGE-Vehicle • is a self-power generating electric vehicle is a self-charging vehicle comprising an electric motor, a charging unit, a fast charging unit, and a battery. The invented technology also a driving wheel, coupled to the electric motor, receives torque therefrom to displace the vehicle and a driven wheel is coupled to the vehicle, and rotates as a result of the displacement of the vehicle. The invented technology also includes the charging unit is coupled to the driven wheel to receive torque therefrom. The charging unit is configured to facilitate conversion of the received torque into electrical energy, which is further stored in the battery. The invented technology also includes the battery stores the electrical energy received from the charging unit, and supplies the same to the electric motor and the electric motor is configured to convert the electrical energy received from the battery into torque which is further provided to the driving wheel to displace the vehicle. The invented technology also includes the charging unit is selected from the group consisting of an alternator, a dynamo, a generator, and other charging devices and the charging unit is coupled to the driven wheel via a belt drive, a chain drive, or a gear drive. The charging unit is disposed proximal to the driven wheel. The invented technology also includes the charging unit converts received torque into electrical energy and the electrical energy is provided to the battery or may be directly provided to the electric motor. The invented technology also includes the electrical energy received from the charging unit is stored in the battery. Further, the battery is electrically coupled with the electric motor via a plurality of wires and the battery supplies the electrical energy to the electric motor. The electric motor converts electrical energy received from the battery into mechanical energy, in the form of torque, which is further supplied to the at least one driving wheel of the self-power generating electric vehicle.

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