Patent Search

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Abstract:

Systems and Methods for Overcoming Developmental Barriers in Advanced Electric Vehicle Technologies is the proposed invention. The proposed invention focuses o understanding the functions of Advanced Electric Vehicle Technologies. The invention focuses on analyzing the parameters of Systems for Overcoming Developmenta Advanced Electric Vehicle Technologies.

Complete Specification

Description:[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of th information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.
[0002] An electric vehicle (EV) is a vehicle whose propulsion is powered fully or mostly by electricity. EVs include road and rail vehicles, electric boats and underwa vessels, electric aircraft and electric spacecraft. Early electric vehicles first came into existence in the late 19th century, when the Second Industrial Revolution broug electrification.
[0003] A number of different types of electric vehicle analysis system that are known in the prior art. For example, the following patents are provided for their sup teachings and are all incorporated by reference.
[0004] US20050052080A1: An adaptive electric car or other vehicle with potentially better performance—power, efficiency, range—than a gasoline vehicle, at a competitive cost. The motor control system can dynamically adapt to the vehicle's operating conditions (starting, accelerating, turning, braking, cruising at high spee other inputs and parameters. That consistently provides better performance. Isolating the vehicle's motor or generator electromagnetic circuits allows effective con more independent parameters. That gives great freedom to optimize. Adaptive motors and generators for an electric vehicle are cheaper, smaller, lighter, more pov and more efficient than conventional designs. An electric vehicle with in-wheel adaptive motors delivers high power with low unsprung mass and high torque and p density. Total energy management of the vehicles entire electrical system allows for large-scale optimization. An adaptive architecture improves performance of a w variety of vehicles, particularly those that need optimal efficiency over a range of operating conditions.
[0005] Advanced Electric Vehicle (EV) Technologies refer to cutting-edge innovations and developments that enhance the performance, efficiency, safety, and

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