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Electric Machines and Drives: Ned Mohan: 9781118074817

An electric motor is an electrical machine that converts electrical energy into mechanical energy. Most electric motors operate through the interaction between the motor's magnetic field and winding currents to generate force in the form of rotation. Electric motors can be powered by direct current (DC) sources, such as from batteries, motor vehicles or rectifiers, or by alternating current (AC ...

Electric motor - Wikipedia

An ion thruster or ion drive is a form of electric propulsion used for spacecraft propulsion. It creates thrust by accelerating positive ions with electricity. The term refers strictly to gridded electrostatic ion thrusters, and is often incorrectly loosely applied to all electric propulsion systems including electromagnetic plasma thrusters. [citation needed]

Ion thruster - Wikipedia

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Indeed, a 2013 analysis found that Tesla buyers had an average household income of \$293,200.[] A 2015 study found that buyers of the far lower-cost Ford Focus electric vehicle nevertheless had an average household income of \$199,000.[] By contrast, 2015 median household income in the U.S. was \$56,516.[]Tesla CEO Elon Musk has staked the future of his company on producing a lower-cost ZEV, the ...

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The need for COâ,, reduction, the increasing complexity of new powertrain systems, and a requirement to achieve the highest possible level of process efficiency - along with the need to quickly launch new models - are some of the key challenges facing the automotive industry now and for the foreseeable future.

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LYON, France â€" August 29, 2017: Despite its age and maturity, the automotive market has witnessed many unexpected developments over the past two years. And as has always been the case, safety drives the market. Automotive OEMs and suppliers are now investing in technologies to develop autonomous and electric vehicles.

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Diesel is finite. Trucks are the bedrock of civilization

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