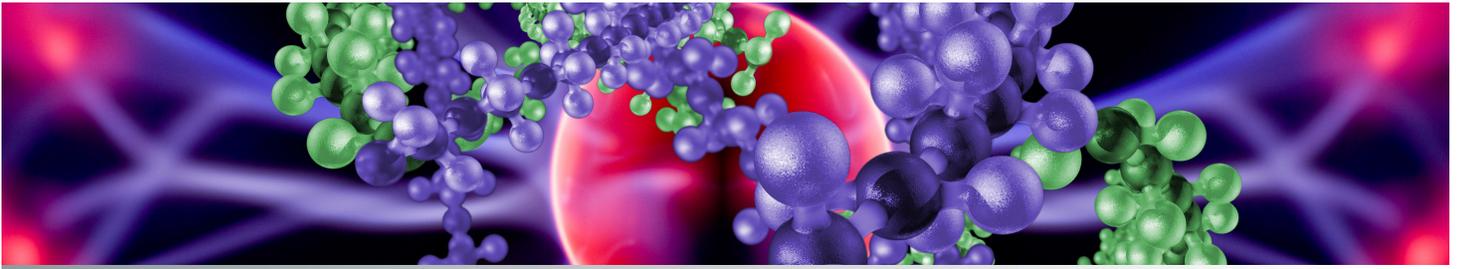


Recharging Energy Storage Devices and/or Supplying Electric Power



UT-B ID 201202931

Technology Summary

The ability to conveniently recharge electric and hybrid electric vehicles (EVs and HEVs) is a key factor in their acceptance. This invention comprises methods for charging energy storage devices such as the batteries in EVs and HEVs from an external power source and/or for enabling EVs/HEVs to supply electrical power to external loads such as the utility grid. The invention not only eliminates the need for stand-alone chargers for plug-in HEV and battery EV applications but also enables EVs/HEVs to function as electrical power sources for emergency and other uses.

Patent

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