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New Latent Heat Storage System with Nanoparticles for Thermal Management of Electric Vehicles

N. Javani, I. Dincer, G.F. Naterer

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- A new passive thermal management system is developed for electric vehicles.
- Thermal conductivity of PCM in storage systems is improved by mixing carbon nanotubes.
- Energy storage dimensions are optimized to be applicable in electric vehicles TMS.
- The placement of carbon nanotubes in PCM is effective in bulk thermal conductivity.