

Title: Electrothermal phase change energy storage device

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Phase change energy storage devices capitalize on the latent heat phenomenon, which allows certain materials to absorb or release energy while undergoing transitions among ...

In a context where increased efficiency has become a priority in energy generation processes, phase change materials for thermal energy ...

This review presents the current state of the art on PCMs and their modifications for electrothermal energy conversion applications.

Thermal energy storage (TES) technology relies on phase change materials (PCMs) to provide high-quality, high-energy density heat storage. However, their cost, poor ...

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