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(54) Title: PHASE-CHANGE MATERIAL FOR THERMAL ENERGY STORAGE

(57) Abstract: The present invention relates to a phase-change material for thermal energy storage. The phase-change material comprises a mixture of n-Tetradecane and n-Hexadecane, wherein the amount of each of n-Tetradecane and n-Hexadecane is selected to provide a phase-change temperature in a range between 2°C and 12°C. A method of determining a type of phase-change material in encapsulated form for use in a latent thermal energy storage system for a district cooling system is also provided.



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