

Title (en)

A METHOD OF CHANGING THE TEMPERATURE OF A THERMAL LOAD

Title (de)

VERFAHREN ZUM ÄNDERN DER TEMPERATUR EINER WÄRMELAST

Title (fr)

PROCÉDÉ DE MODIFICATION DE LA TEMPÉRATURE D'UNE CHARGE THERMIQUE

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Application

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Priority

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Abstract (en)

[origin: WO2008096157A1] A method of changing the temperature of a thermal load (20) including the steps of passing ambient air at a first temperature through a duct (22) at a second, ground, temperature where heat is exchanged between the passing air and the duct (22) to pre-treat the passing air by modifying the temperature of the passing air, providing a phase change material (24) in the duct (22) which undergoes a phase change within a predetermined temperature range, thermally contacting the passing air with the phase change material (24) whereby heat is exchanged between the passing air and the phase change material (24) to change the latent heat of the phase change material (24), and subsequently passing the air to the thermal load (20) to exchange heat with the thermal load (20).

IPC 8 full level

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