

Title (en)

THERMAL ENERGY STORAGE AND COOLING SYSTEM WITH ISOLATED EVAPORATOR COIL

Title (de)

WÄRMEENERGIESPEICHER UND KÜHLSYSTEM MIT ISOLIERTER VERDAMPFERROHRSCHLANGE

Title (fr)

SYSTÈME DE STOCKAGE D'ÉNERGIE THERMIQUE ET DE REFROIDISSEMENT AVEC SERPENTIN D'ÉVAPORATEUR ISOLÉ

Publication

**EP 2313715 A1 20110427 (EN)**

Application

**EP 09767347 A 20090528**

Priority

- US 2009045427 W 20090528
- US 5669308 P 20080528

Abstract (en)

[origin: US2009293507A1] Disclosed is a method and device for a refrigerant-based thermal energy storage and cooling system with an isolated evaporator coil in a secondary cooling loop. The disclosed embodiments provide a refrigerant-based ice storage system with increased versatility, reliability, lower cost components, reduced power consumption and ease of installation.

IPC 8 full level

**F25D 17/02** (2006.01)

CPC (source: EP US)

**F24F 5/0017** (2013.01 - EP US); **F25D 16/00** (2013.01 - EP US); **F25B 5/00** (2013.01 - EP US); **F25B 2400/0409** (2013.01 - EP US); **F25B 2400/23** (2013.01 - EP US); **Y02E 60/14** (2013.01 - EP US)

Citation (search report)

See references of WO 2009155035A1

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DOCDB simple family (publication)

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