

Title (en)

Regenerative cooling system and driving method thereof

Title (de)

Regenerier-Kühlungskreislauf und Steuerverfahren dafür

Title (fr)

Système de refroidissement par régénération et sa méthode de commande

Publication

**EP 1722179 A2 20061115 (EN)**

Application

**EP 06009650 A 20060510**

Priority

KR 20050040313 A 20050513

Abstract (en)

A regenerative cooling system capable of enhancing a cooling operation and capable of prolonging a lifespan thereof by preventing an overload of a compressor, in which cool heat is stored in a regenerative tank by applying a refrigerant used in a cooling operation when a cooling load is low even during the daytime, and then the stored cool heat is utilized when the cooling load is high, that is, when a great amount of cool heat is required indoors, and a driving method thereof.

IPC 8 full level

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CPC (source: EP KR)

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Designated extension state (EPC)

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**EP 06009650 A 20060510**; CN 200610081843 A 20060512; JP 2006133988 A 20060512; KR 20050040313 A 20050513