

Title (en)

SYSTEM AND METHOD FOR REVERSE DEGRADATION OF A MAGNETOCALORIC MATERIAL

Title (de)

SYSTEM UND VERFAHREN ZUM UMGEKEHRTEN ABBAU EINES MAGNETOKALORISCHEN MATERIALS

Title (fr)

SYSTÈME ET PROCÉDÉ DE DÉGRADATION INVERSE D'UN MATÉRIAU MAGNÉTOCALORIQUE

Publication

EP 2734796 A4 20150909 (EN)

Application

EP 12814189 A 20120718

Priority

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- US 2012047168 W 20120718

Abstract (en)

[origin: US2013019610A1] A method includes identifying at least partial degradation of a magnetocaloric material in a magnetic cooling system, wherein the magnetocaloric material has a Curie temperature. The method also includes regenerating the magnetocaloric material by maintaining the magnetocaloric material at a regenerating temperature, wherein the regenerating temperature is different from the Curie temperature of the magnetocaloric material.

IPC 8 full level

F25B 21/00 (2006.01); **H01F 1/01** (2006.01); **H02N 11/00** (2006.01); **H10N 15/20** (2023.01)

CPC (source: EP US)

F25B 21/00 (2013.01 - EP US); **H01F 1/012** (2013.01 - EP US); **F25B 2321/002** (2013.01 - EP US); **F25B 2321/0022** (2013.01 - EP US); **Y02B 30/00** (2013.01 - EP US)

Citation (search report)

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- See also references of WO 2013012908A1

Designated contracting state (EPC)

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