

Title (en)  
ACTIVE MAGNETIC REFRIGERATOR

Title (de)  
AKTIVE MAGNETISCHE KÜHLVORRICHTUNG

Title (fr)  
RÉFRIGÉRATEUR MAGNÉTIQUE ACTIF

Publication  
**EP 1979690 A4 20091118 (EN)**

Application  
**EP 06812547 A 20061110**

Priority  

- KR 2006004714 W 20061110
- KR 20060008730 A 20060127
- KR 20060020868 A 20060306

Abstract (en)  
[origin: WO2007086638A1] The present invention relates to an active magnetic refrigerator comprising separated hot and cold heat exchange units wherein a heat transfer fluid that exchanges a heat with a magnetic heat exchange unit having the magnetocaloric material pieces arranged to have a gap therebetween separately circulates through a solenoid valve.

IPC 8 full level  
**F25B 21/00** (2006.01)

CPC (source: EP US)  
**F25B 21/00** (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)  

- No further relevant documents disclosed
- See references of WO 2007086638A1

Designated contracting state (EPC)  
DE FR GB IT NL

DOCDB simple family (publication)  
**WO 2007086638 A1 20070802**; EP 1979690 A1 20081015; EP 1979690 A4 20091118; JP 2009524796 A 20090702;  
US 2008314049 A1 20081225

DOCDB simple family (application)  
**KR 2006004714 W 20061110**; EP 06812547 A 20061110; JP 2008552209 A 20061110; US 18021308 A 20080725