

Title (en)  
CLIMATE CONTROL DEVICE

Title (de)  
KLIMATISIERUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE CLIMATISATION

Publication  
**EP 2087297 A1 20090812 (DE)**

Application  
**EP 07818792 A 20071009**

Priority  
• EP 2007008718 W 20071009  
• DE 102006052122 A 20061106

Abstract (en)  
[origin: WO2008055569A1] The invention relates to a climate control device having a cooling air outlet (10a) for cooled air (arrows 12a), and a heated air outlet (10b) for heated air (arrows 12b), wherein the air to be cooled (arrows 14a) is cooled by means of the cold side (16a) of a Peltier element arrangement (18) and is blown out by means of a cooling air feed device (20a) via the cooled air outlet (10a), and wherein the air to be heated (arrows 14b) is heated by means of the warm side (16b) of the Peltier element arrangement (18) and is blown out by means of a heated air feed device (20b) via the heated air outlet (10b). Each of the warm side (16b) and/or the cold side (16a) of the Peltier element arrangement (18) is coupled to a coolant circuit (22a; 22b), to which an air/fluid heat exchanger arrangement (28a; 28b) is connected. The device is used, for example, for cooling or ventilating a housing, particularly of a control cabinet.

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

CPC (source: EP KR US)  
**F25B 21/00** (2013.01 - KR); **F25B 21/02** (2013.01 - EP US); **F25B 2321/0252** (2013.01 - EP US)

Citation (search report)  
See references of WO 2008055569A1

Designated contracting state (EPC)  
FR GB IT

DOCDB simple family (publication)  
**DE 102006052122 A1 20080508**; **DE 102006052122 B4 20090730**; CN 101501418 A 20090805; EP 2087297 A1 20090812; JP 2010508495 A 20100318; KR 20090021160 A 20090227; TW 200839157 A 20081001; US 2010107655 A1 20100506; US 8341966 B2 20130101; WO 2008055569 A1 20080515

DOCDB simple family (application)  
**DE 102006052122 A 20061106**; CN 200780029790 A 20071009; EP 07818792 A 20071009; EP 2007008718 W 20071009; JP 2009535585 A 20071009; KR 20087029831 A 20081205; TW 96141286 A 20071102; US 31195507 A 20071009