

Title (en)  
REFRIGERATION DEVICE

Title (de)  
KÜHLVORRICHTUNG

Title (fr)  
DISPOSITIF DE RÉFRIGÉRATION

Publication  
**EP 2048456 B1 20170830 (EN)**

Application  
**EP 07790874 A 20070717**

Priority  
• JP 2007064112 W 20070717  
• JP 2006202827 A 20060726

Abstract (en)  
[origin: EP2048456A1] In a refrigerant circuit (10) of a refrigerating apparatus (1), a pulsation absorbing device (30) is provided. In the pulsation absorbing device (30), a piston (32) is accommodated in a cylinder member (31) to divide its cylinder chamber into a pressure buffering chamber (33) and a back pressure chamber (34). The pressure buffering chamber (33) is connected to a second high-pressure refrigerant pipe (12) on the inflow side of an expander (22) through a first connection pipe (35). The back pressure chamber (34) is connected to a first high-pressure refrigerant pipe (11) on the discharge side of a compressor (20) through a second connection pipe (36) and a capillary tube (37).

IPC 8 full level  
**F25B 9/00** (2006.01); **F25B 41/00** (2006.01); **F25B 49/02** (2006.01)

CPC (source: EP)  
**F25B 41/00** (2013.01); **F25B 49/02** (2013.01); **F25B 9/008** (2013.01); **F25B 2309/061** (2013.01); **F25B 2500/12** (2013.01); **F25B 2500/13** (2013.01)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 2048456 A1 20090415**; **EP 2048456 A4 20150304**; **EP 2048456 B1 20170830**; JP 2008032243 A 20080214; JP 4140642 B2 20080827; WO 2008013079 A1 20080131

DOCDB simple family (application)  
**EP 07790874 A 20070717**; JP 2006202827 A 20060726; JP 2007064112 W 20070717