

Title (en)
REFRIGERANT CIRCUIT

Title (de)
Kühlkreislauf

Title (fr)
CIRCUIT DE FLUIDE FRIGORIGÈNE

Publication
EP 2233860 A1 20100929 (EN)

Application
EP 08858281 A 20081113

Priority
• JP 2008070655 W 20081113
• JP 2007317563 A 20071207

Abstract (en)
In a refrigerant circuit for a supercritical cycle that uses carbon dioxide as a refrigerant, a refrigerant circuit that can hold an amount of surplus refrigerant is provided. The refrigerant circuit 10 for a refrigerating cycle that uses carbon dioxide as a refrigerant includes an intercooler 7 that is provided downstream of a condenser 3 and an intermediate pressure receiver 4 that is provided via a restriction mechanism 5 downstream of the intercooler 7.

IPC 8 full level
F25B 1/00 (2006.01); **F25B 5/02** (2006.01); **F25B 6/04** (2006.01); **F25B 13/00** (2006.01); **F25B 43/00** (2006.01)

CPC (source: EP)
F25B 1/10 (2013.01); **F25B 13/00** (2013.01); **F25B 5/02** (2013.01); **F25B 2309/061** (2013.01); **F25B 2313/0233** (2013.01); **F25B 2313/0272** (2013.01); **F25B 2313/02741** (2013.01); **F25B 2400/13** (2013.01); **F25B 2400/16** (2013.01); **F25B 2600/17** (2013.01)

Cited by
DE102014004846A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2233860 A1 20100929; **EP 2233860 A4 20131225**; JP 2009139037 A 20090625; WO 2009072379 A1 20090611

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