

Title (en)

REFRIGERATION DEVICE COMPRISING COOLANT CONDUITS THAT ARE CONNECTED IN PARALLEL IN THE EVAPORATOR

Title (de)

KÄLTEGERÄT MIT PARALLEL GESCHALTETEN KÜHLMITTELLEITUNGEN IM VERDAMPFER

Title (fr)

APPAREIL FRIGORIFIQUE COMPORTANT DES CONDUITES D'AGENT FRIGORIGÈNE MONTÉES EN PARALLÈLE DANS L'ÉVAPORATEUR

Publication

EP 2132499 A1 20091216 (DE)

Application

EP 08736031 A 20080409

Priority

- EP 2008054308 W 20080409
- DE 102007016849 A 20070410

Abstract (en)

[origin: US2010043476A1] A cooling device is provided having three storage zones that are insulated from each other and cooled via evaporators through which a coolant flows. A first coolant circuit extends through a first and a second of the three storage zones and a second coolant circuit positioned parallel to the first coolant circuit extends through the first and the third of the storage zones.

IPC 8 full level

F25B 39/02 (2006.01)

CPC (source: EP US)

F25B 5/02 (2013.01 - EP US); **F25B 5/04** (2013.01 - EP US); **F25D 11/022** (2013.01 - EP US); **F25B 2600/2511** (2013.01 - EP US)

Citation (search report)

See references of WO 2008122656A1

Citation (examination)

US 2005086965 A1 20050428 - LALUMIERE REJEAN [CA], et al

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

DOCDB simple family (publication)

US 2010043476 A1 20100225; US 8245526 B2 20120821; AT E543057 T1 20120215; CN 101652609 A 20100217; CN 101652609 B 20120905; CN 101652610 A 20100217; DE 102007016849 A1 20081016; EP 2132496 A1 20091216; EP 2132496 B1 20120125; EP 2132499 A1 20091216; ES 2378348 T3 20120411; RU 2009137098 A 20110520; RU 2009137481 A 20110520; RU 2468308 C2 20121127; WO 2008122493 A1 20081016; WO 2008122656 A1 20081016

DOCDB simple family (application)

US 53219908 A 20080319; AT 08718003 T 20080319; CN 200880011351 A 20080409; CN 200880011356 A 20080319; DE 102007016849 A 20070410; EP 08718003 A 20080319; EP 08736031 A 20080409; EP 2008053277 W 20080319; EP 2008054308 W 20080409; ES 08718003 T 20080319; RU 2009137098 A 20080319; RU 2009137481 A 20080409