

Title (en)
ACCUMULATOR INTEGRATION WITH EXCHANGER HEADER

Title (de)
SPEICHERINTEGRATION MIT TAUSCHER-ENDKAMMER

Title (fr)
INTEGRATION D'ACCUMULATEUR AVEC COLLECTEUR D'ECHANGEUR

Publication
EP 1864059 A2 20071212 (EN)

Application
EP 05856047 A 20051230

Priority

- US 2005047574 W 20051230
- US 66391105 P 20050318

Abstract (en)
[origin: WO2006101569A2] A refrigeration system includes a compressor for driving a refrigerant along a flow path in at least a first mode of system operation; a first heat exchanger along the flow path downstream of the compressor in the first mode; a second heat exchanger along the flow path upstream of the compressor in the first mode; and an expansion device in the flow path downstream of the first heat exchanger and upstream of the second heat exchanger in the first mode, wherein the second heat exchanger includes a combined header and accumulator for collecting liquid and vapor refrigerant.

IPC 8 full level
F25B 39/04 (2006.01)

CPC (source: EP US)
F25B 9/008 (2013.01 - EP US); **F25B 39/02** (2013.01 - EP US); **F25B 43/006** (2013.01 - EP US); **F28D 1/0408** (2013.01 - EP US); **F28D 1/05366** (2013.01 - EP US); **F25B 5/02** (2013.01 - EP US); **F25B 2309/061** (2013.01 - EP US); **F25B 2500/18** (2013.01 - EP US)

Citation (search report)
See references of WO 2006101569A2

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
WO 2006101569 A2 20060928; **WO 2006101569 A3 20071206**; CN 101203720 A 20080618; EP 1864059 A2 20071212; JP 2008533430 A 20080821; US 2008190122 A1 20080814

DOCDB simple family (application)
US 2005047574 W 20051230; CN 200580049154 A 20051230; EP 05856047 A 20051230; JP 2008501868 A 20051230; US 90845007 A 20070912