

Title (en)
REFRIGERANT SYSTEM WITH BYPASS LINE AND DEDICATED ECONOMIZED FLOW COMPRESSION CHAMBER

Title (de)
KÄLTEMITTELSYSTEM MIT UMGEHUNGSLEITUNG UND EIGENER STRÖMUNGSKOMPRESSIONSKAMMER MIT ECONOMISER

Title (fr)
SYSTÈME RÉFRIGÉRANT AYANT UNE CONDUITE DE DÉRIVATION ET UNE CHAMBRE DE COMPRESSION DE FLUX D'ÉCONOMISEUR SPÉCIALISÉE

Publication
EP 2203693 A1 20100707 (EN)

Application
EP 07843032 A 20070924

Priority
US 2007079260 W 20070924

Abstract (en)
[origin: WO2009041959A1] A refrigerant system has an economizer cycle. A vapor refrigerant from the economizer loop is returned to a dedicated economizer compression chamber. A main refrigerant is returned to a dedicated main compressor chamber. A bypass line communicates the two refrigerant flows.

IPC 8 full level
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CPC (source: EP US)
F25B 40/00 (2013.01 - EP US); **F25B 41/20** (2021.01 - EP US); **F25B 41/24** (2021.01 - EP US); **F25B 2309/061** (2013.01 - EP US); **F25B 2400/075** (2013.01 - EP US); **F25B 2400/13** (2013.01 - EP US); **F25B 2600/2501** (2013.01 - EP US); **F25B 2600/2509** (2013.01 - EP US)

Cited by
EP3865786A1; EP3865786B1

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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

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AL BA HR MK RS

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US 2007079260 W 20070924; CN 200780100791 A 20070924; EP 07843032 A 20070924; ES 07843032 T 20070924; HK 11101439 A 20110215; US 66728007 A 20070924