

Title (en)
FREEZING APPARATUS

Title (de)
GEFRIERVORRICHTUNG

Title (fr)
APPAREIL DE CONGÉLATION

Publication
EP 2258992 A4 20141112 (EN)

Application
EP 09718729 A 20090305

Priority
• JP 2009000999 W 20090305
• JP 2008062925 A 20080312

Abstract (en)
[origin: EP2258992A1] In a refrigeration system in which a compressor mechanism including a plurality of compressors, oil separators (37a, 37b) are provided at a discharge pipe (56a) of a first compressor (14a) and a discharge pipe (56b) of a second compressor (14b), respectively. An oil return passageway (32) for returning refrigerating machine oil from the oil separators (37a, 37b) to a compressor mechanism (40) is configured to combine streams of refrigerating machine oil separated in the oil separators (37a, 37b) and distribute the combined refrigerating machine oil to the first compressor (14a) and the second compressor (14b).

IPC 8 full level
F25B 43/02 (2006.01); **F25B 1/00** (2006.01); **F25B 13/00** (2006.01); **F25B 31/00** (2006.01)

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Citation (search report)
• [E] EP 2205909 A1 20100714 - LG ELECTRONICS INC [KR] & WO 2009054570 A1 20090430 - LG ELECTRONICS INC [KR], et al
• [I] EP 0816780 A2 19980107 - CARRIER CORP [US]
• [A] US 2005092000 A1 20050505 - HWANG IL-NAHM [KR], et al
• See references of WO 2009113279A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2258992 A1 20101208; **EP 2258992 A4 20141112**; **EP 2258992 B1 20190918**; CN 101965491 A 20110202; ES 2761928 T3 20200521; JP 2009216354 A 20090924; JP 4407760 B2 20100203; US 2010326125 A1 20101230; WO 2009113279 A1 20090917

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