

Title (en)

Method for operating a cooler and cooler

Title (de)

Verfahren zum Betreiben einer Kältemaschine und Kältemaschine

Title (fr)

Procédé destiné au fonctionnement d'une machine frigorifique et machine frigorifique

Publication

**EP 2706312 B1 20191106 (DE)**

Application

**EP 12183137 A 20120905**

Priority

EP 12183137 A 20120905

Abstract (en)

[origin: EP2706312A1] The method involves branching-off the liquid refrigerant between a condenser (16) and a sub-cooler (18), from a closed circuit (11), The liquid refrigerant is expanded by an expansion valve (24), and is partially vaporized by a vaporizer (22). The partially vaporized liquid refrigerant is supplied to the compressors (12,14) for cooling by the sub-cooler. An independent claim is included for a refrigerating machine.

IPC 8 full level

**F25B 41/04** (2006.01); **F25B 40/00** (2006.01); **F25B 49/02** (2006.01)

CPC (source: EP US)

**F25B 40/00** (2013.01 - EP US); **F25B 41/20** (2021.01 - EP US); **F25B 49/02** (2013.01 - EP); **F25B 2400/075** (2013.01 - EP); **F25B 2400/13** (2013.01 - EP); **F25B 2600/2509** (2013.01 - EP); **F25B 2700/19** (2013.01 - EP); **F25B 2700/2101** (2013.01 - EP); **F25B 2700/21152** (2013.01 - EP)

Citation (examination)

WO 2007142619 A2 20071213 - CARRIER CORP [US], et al

Cited by

US11662125B2; WO2020227374A3

Designated contracting state (EPC)

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DOCDB simple family (publication)

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