

Title (en)

(Mixed) refrigerant circuit and operating method for a (mixed) refrigerant circuit

Title (de)

Kältemittel(gemisch)kreislauf und Verfahren zum Betreiben eines Kältemittel(gemisch)kreislaufes

Title (fr)

Circuit de (mélange de) réfrigérant(s) et procédé de fonctionnement d'un tel circuit

Publication

EP 1457744 A3 20041027 (DE)

Application

EP 04005170 A 20040304

Priority

DE 10310600 A 20030311

Abstract (en)

[origin: EP1457744A2] The compressor (1) passes the refrigerant through an air cooled condenser (3), heat exchanger (5), expansion capillary (6) and evaporator (7) to provide low temperature cooling. A shut-off valve (9) is positioned in the condenser to capillary line (4) at least 600mm from the capillary.

IPC 1-7

F25B 1/00; **F25B 41/04**

IPC 8 full level

F25B 41/04 (2006.01); **F25B 41/06** (2006.01)

CPC (source: EP US)

F25B 41/24 (2021.01 - EP US); **F25B 41/37** (2021.01 - EP US); **F25B 2500/01** (2013.01 - EP); **F25B 2500/26** (2013.01 - EP); **F25B 2600/2519** (2013.01 - EP)

Citation (search report)

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- [A] JP S5927161 A 19840213 - HITACHI LTD
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- [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 04 31 March 1998 (1998-03-31)
- [YA] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 03 31 March 1999 (1999-03-31)

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