

Title (en)

Refrigerant circuit

Title (de)

Kältemittelkreislauf

Title (fr)

Circuit de réfrigérant

Publication

**EP 1293735 A2 20030319 (EN)**

Application

**EP 02020405 A 20020910**

Priority

JP 2001276040 A 20010912

Abstract (en)

In a refrigerant circuit, an expansion valve 4 is connected to a heat exchanger 5 by a refrigerant pipe, and a bypass pipe 7/9 is provided. By way of a bypass pipe 9 having a check valve 10, a refrigerant is returned to a refrigerant circuit from a refrigerant amount control tank 8 that is installed in the bypass pipe 7/9. <IMAGE>

IPC 1-7

**F25B 13/00**; **F25B 9/00**

IPC 8 full level

**F25B 1/00** (2006.01); **F25B 9/00** (2006.01); **F25B 13/00** (2006.01); **F25B 43/00** (2006.01); **F25B 45/00** (2006.01)

CPC (source: EP)

**F25B 9/006** (2013.01); **F25B 13/00** (2013.01); **F25B 45/00** (2013.01); **F25B 2400/0415** (2013.01); **F25B 2400/16** (2013.01)

Citation (applicant)

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Cited by

CN112714849A; AT513637A1; AT513637B1

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DOCDB simple family (publication)

**EP 1293735 A2 20030319**; **EP 1293735 A3 20030528**; **EP 1293735 B1 20070314**; AT E356962 T1 20070415; CN 1173139 C 20041027; CN 1405515 A 20030326; DE 60218793 D1 20070426; DE 60218793 T2 20071206; ES 2284756 T3 20071116; JP 2003083644 A 20030319; JP 4848608 B2 20111228; PT 1293735 E 20070531

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