

Title (en)

Multi-flow type sub cool condenser

Title (de)

Mehrstromverflüssiger mit Unterkühlung

Title (fr)

Condenseur à passage multiple et à sous-refroidissement

Publication

**EP 1249672 A2 20021016 (EN)**

Application

**EP 02251912 A 20020318**

Priority

- JP 2001111202 A 20010410
- JP 2001152248 A 20010522
- JP 2001183033 A 20010618
- JP 2001293968 A 20010926

Abstract (en)

A multi-flow type sub cool condenser (1000) comprises a first header pipe (1), having at one end a plugging mechanism (100, 200, 300, 400) in which a plugging member can be fastened or unfastened at will manually and which enables a desiccant (13), having a length comparable to that of said first header pipe, to be put in and taken out of said first header pipe. A second header pipe (2), the interior of which is sectioned into two chambers (2a,2b) by a partition plate (8). A plurality of flat heat transfer tubes (4) interconnect said first and second header pipes, and a plurality of corrugated fins (5) are interposed between said flat tubes (4). <IMAGE>

IPC 1-7

**F25B 39/04**; **F28F 9/02**

IPC 8 full level

**F25B 39/04** (2006.01); **F25B 43/00** (2006.01); **F25B 40/02** (2006.01)

CPC (source: EP)

**F25B 39/04** (2013.01); **F25B 43/003** (2013.01); **F25B 40/02** (2013.01); **F25B 2339/0441** (2013.01); **F25B 2400/162** (2013.01); **F25B 2500/01** (2013.01); **F28F 2220/00** (2013.01)

Citation (applicant)

- JP H10122705 A 19980515 - CALSONIC CORP
- JP H09170854 A 19970630 - CALSONIC CORP
- JP H09170853 A 19970630 - CALSONIC CORP
- JP H03241273 A 19911028 - NIPPON DENSO CO
- JP H0948232 A 19970218 - NISSAN MOTOR
- JP H08219590 A 19960830 - NIPPON DENSO CO
- JP H0933139 A 19970207 - DENSO CORP

Cited by

DE102015114562A1; EP1577629A1; EP1420219A1; CN105464949A; DE10221968A1; WO2005050119A3; WO2020206090A1

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

**EP 1249672 A2 20021016**; **EP 1249672 A3 20040707**; CN 1302250 C 20070228; CN 1380203 A 20021120

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**EP 02251912 A 20020318**; CN 02106062 A 20020410