

Title (en)

Method and interface for supplying and evacuating a coolant to and from a consumer unit

Title (de)

Verfahren und Schnittstelleneinheit zum Zuführen und Abführen eines Kühlmediums zu und von einer Verbrauchereinheit

Title (fr)

Procedé et unité d'interface pour l'alimentation et l'évacuation d'un réfrigérant vers ou à partir d'une unité de consommation

Publication

**EP 1645822 A3 20070905 (DE)**

Application

**EP 05009461 A 20050429**

Priority

DE 102004046791 A 20040927

Abstract (en)

[origin: EP1645822A2] The unit (1) has a primary flow connection (11) provided for supplying a coolant of a superior cooling system that is directly or indirectly connected with a flow distribution unit by using a flow pipe system. The flow distribution unit has a secondary flow connection (31) for connecting with a flow connection of a consumer unit. A primary return connection (51) is provided for evacuating the coolant at the cooling system.

IPC 8 full level

**F25D 17/02** (2006.01); **G05D 23/19** (2006.01); **H05K 7/20** (2006.01)

CPC (source: EP)

**F24F 3/06** (2013.01); **F25D 17/02** (2013.01); **F24F 2013/221** (2013.01)

Citation (search report)

- [XAY] JP H06164178 A 19940610 - MITSUBISHI ELECTRIC CORP
- [Y] JP 2004150664 A 20040527 - HITACHI LTD
- [X] US 5261251 A 19931116 - GALIYANO MARK [US]
- [X] DE 10259279 B3 20040226 - BEHR PETER [DE]
- [X] JP H02207310 A 19900817 - KOFU NIPPON DENKI KK
- [X] JP H04329698 A 19921118 - KOFU NIPPON DENKI KK
- [X] US 4512161 A 19850423 - LOGAN MAX C [US], et al
- [X] US 3360031 A 19671226 - SIGVARD MATTS, et al
- [X] US 5144811 A 19920908 - BRODIE EUGENE L [US], et al
- [X] JP H07218075 A 19950818 - HITACHI LTD, et al
- [X] JP H01260274 A 19891017 - NEC CORP

Cited by

EP2597385A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**EP 1645822 A2 20060412; EP 1645822 A3 20070905; DE 102004046791 A1 20060406**

DOCDB simple family (application)

**EP 05009461 A 20050429; DE 102004046791 A 20040927**