

Title (en)

Refrigeration apparatus with two storage compartments on top of each other and a fan-assisted evaporator

Title (de)

Kältegerät mit zwei übereinander angeordneten Ablagefächern und ventilatorgestütztem Verdampfer

Title (fr)

Appareil frigorifique à deux compartiments de rangement superposés et un évaporateur assisté par un ventilateur

Publication

EP 1293739 A3 20040303 (EN)

Application

EP 02015765 A 20020715

Priority

IT PN20010060 A 20010912

Abstract (en)

[origin: EP1293739A2] Refrigeration apparatus comprising: - at least an upper storage compartment (1) and at least a lower storage compartment (2), - a partition wall (5) between said two compartments (1,2), provided with a through-aperture between said compartments (1,2), - a vertical conduit (6) on the rear wall (7) connecting said two compartments (1,2) with each other, - a single evaporator (11), - a fan (8) arranged at the upper intake mouth (9) of said conduit (6), in which said evaporator (8) is of the finned-tube battery kind and is positioned in front of the lower outflow mouth (10) of said conduit (6). The finned-tube battery-type evaporator (8) is housed in a receptacle (12) that is open towards the lower compartment (2) and arranged at the lower mouth (10) of the vertical conduit (6). Preferably, a connection piece (13) having a flared shape on the side facing the evaporator (8) is provided between the conduit (6) and the receptacle (12). <IMAGE>

IPC 1-7

F25D 11/02; **F25D 17/06**; **F25B 39/02**

IPC 8 full level

F25D 17/06 (2006.01); **F25B 39/02** (2006.01)

CPC (source: EP)

F25D 17/065 (2013.01); **F25B 39/02** (2013.01); **F25D 2400/04** (2013.01)

Citation (search report)

- [A] US 3111818 A 19631126 - DOLAN THOMAS I, et al
- [A] EP 1087186 A2 20010328 - TOSHIBA KK [JP]
- [A] EP 0845643 A2 19980603 - CANDY SPA [IT]
- [A] US 3019619 A 19620206 - HILLIKER DONALD E
- [A] US 5715703 A 19980210 - KOPF BRUCE A [US], et al

Cited by

DE102011006251A1; WO2012130580A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1293739 A2 20030319; **EP 1293739 A3 20040303**; **EP 1293739 B1 20090311**; AT E425425 T1 20090315; DE 60231459 D1 20090423; IT PN20010060 A1 20030312

DOCDB simple family (application)

EP 02015765 A 20020715; AT 02015765 T 20020715; DE 60231459 T 20020715; IT PN20010060 A 20010912