

Title (en)

REFRIGERATION DEVICE SUCH AS A NO-FROST REFRIGERATOR OR FREEZER

Title (de)

KÄLTEGERÄT WIE NO-FROST-KÜHL- ODER GEFRIERSCHRANK

Title (fr)

APPAREIL DE PRODUCTION DE FROID TEL QU'UN REFRIGERATEUR OU UN CONGELATEUR SANS GIVRE

Publication

EP 1242775 B1 20060118 (DE)

Application

EP 00984946 A 20001031

Priority

- DE 19962258 A 19991222
- EP 0010763 W 20001031

Abstract (en)

[origin: WO0146630A1] The invention relates to a refrigeration device (10) with a refrigeration chamber (13) at the back wall (18) of which an upright finned evaporator (19) is provided behind an air duct system (21). Said finned evaporator is ventilated with forced air by a fan (20) disposed within the air duct system (21). The aim of the invention is provide a refrigeration device which prevents icing of the rotor of the fan (20) and reduces the length of air ducts necessary, thereby considerably creating more storage room in the refrigeration or freezing chamber (13). To this end, the evaporator (19) is disposed near the ceiling (17) of the useful storage area (13) and in the suction-end air current of the fan (20) which is provided below the evaporator (19).

IPC 8 full level

F25D 17/06 (2006.01); **A47F 3/04** (2006.01)

CPC (source: EP)

F25D 17/062 (2013.01); **F25D 2317/062** (2013.01); **F25D 2317/0655** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0146630 A1 20010628; AT E316232 T1 20060215; DE 19962258 A1 20010628; DE 50012094 D1 20060406; EP 1242775 A1 20020925; EP 1242775 B1 20060118; TR 200201622 T2 20021021

DOCDB simple family (application)

EP 0010763 W 20001031; AT 00984946 T 20001031; DE 19962258 A 19991222; DE 50012094 T 20001031; EP 00984946 A 20001031; TR 200201622 T 20001031