

Title (en)

Arrangement for draining the defrost water of a refrigerator

Title (de)

Einrichtung zum Abführen des Tauwassers eines Gefriergerätes

Title (fr)

Dispositif d'évacuation des eaux de dégivrage d'un réfrigérateur

Publication

EP 0775879 A1 19970528 (FR)

Application

EP 96402481 A 19961119

Priority

FR 9513784 A 19951121

Abstract (en)

The refrigerator includes a cabinet enclosed in a layer of thermally insulating material which is itself encased in an outer layer (12). Within the refrigerator cabinet there is provision to collect the water formed by the defrosting of the refrigerator. Such water is guided to an outlet (19) at the back of the refrigerator cabinet formed within the moulding of the cabinet. A short length of pipe (15) carries the water from inside the cabinet to the outside surface, and a groove in the back of the cabinet guides the water down to a reservoir (20). The groove offers a slight inclination w.r.t. vertical at an angle of the order of 2 or 3 degrees. The water collection reservoir (18) may be located on the top of the motor which drives the refrigerator compressor.

Abstract (fr)

Le système selon l'invention comporte un collecteur (14) des eaux de dégivrage à l'intérieur du réfrigérateur, une traversée (15) du dos (13) du réfrigérateur, une rainure (16) formée dans ce dos, à l'extérieur, et un réservoir (18). <IMAGE>

IPC 1-7

F25D 21/14

IPC 8 full level

F25D 21/14 (2006.01)

CPC (source: EP)

F25D 21/14 (2013.01); **F25D 2321/1411** (2013.01); **F25D 2321/146** (2013.01); **F25D 2500/02** (2013.01)

Citation (search report)

- [Y] US 2688235 A 19540907 - SCHWENKER ERIC H
- [Y] US 2720089 A 19551011 - MORTON EVANS T
- [Y] US 2755636 A 19560724 - HORVAY JULIUS B
- [A] US 5271241 A 19931221 - KIM HYUNG K [KR]

Cited by

CN111947388A; CN105276897A; EP1184635A3; WO2011138733A2

Designated contracting state (EPC)

DE ES FR GB IT NL SE

DOCDB simple family (publication)

EP 0775879 A1 19970528; **EP 0775879 B1 19990915**; DE 69604265 D1 19991021; DE 69604265 T2 20000323; ES 2136956 T3 19991201; FR 2741429 A1 19970523; FR 2741429 B1 19971212

DOCDB simple family (application)

EP 96402481 A 19961119; DE 69604265 T 19961119; ES 96402481 T 19961119; FR 9513784 A 19951121