

Title (en)

ARRANGEMENT FOR KEEPING A FREEZER FROST-FREE

Publication

**EP 0031311 A3 19820623 (EN)**

Application

**EP 80850170 A 19801112**

Priority

SE 7909844 A 19791129

Abstract (en)

[origin: EP0031311A2] In a freezer cabinet with cooled surfaces in a freezing chamber for storing of food frost appears on the surfaces and on the food. On defrosting the chamber has to be emptied of food and be heated so that the frost melts. Water is formed which has to be collected. The invention relates to a freezer cabinet operating without frost. An arrangement according to the invention is characterized by a circulation path (32,40) for air including a moisture-absorbing means and a motor-driven fan (38).

IPC 1-7

**F25D 21/04; F25D 17/06**

IPC 8 full level

**F25D 11/00** (2006.01); **F25D 17/04** (2006.01); **F25D 17/06** (2006.01); **F25D 21/04** (2006.01); **F25D 25/02** (2006.01)

CPC (source: EP)

**F25D 17/042** (2013.01); **F25D 17/062** (2013.01); **F25D 21/04** (2013.01); **F25D 25/02** (2013.01); **F25D 2317/0411** (2013.01);  
**F25D 2317/062** (2013.01); **F25D 2317/067** (2013.01); **F25D 2317/0683** (2013.01); **F25D 2400/04** (2013.01); **F25D 2700/02** (2013.01)

Citation (search report)

- US 2217204 A 19401008 - JALMA MICHAEL M
- US 2213274 A 19400903 - FLAMM ALEXANDER L
- US 3096629 A 19630709 - REMBOLD CHARLES E
- DE 1017190 B 19571010 - FRITZ RONDHOLZ
- US 2775873 A 19570101 - JONES HERBERT T
- US 3025683 A 19620320 - BAKER LEE H D, et al
- DE 2344261 A1 19750306 - COLLO RHEINCOLLODIUM KOELN GMB
- US 2117570 A 19380517 - PHILIPP LAWRENCE A
- US 3320764 A 19670523 - SAUNDERS ORSON V, et al
- US 4075866 A 19780228 - WILLIAMITIS VICTOR A
- US 3096628 A 19630709 - BECKETT LEO G, et al
- US 2773362 A 19561211 - SCHEITLIN THOMAS G

Cited by

EP1845321A1; DE202008000765U1; EP0879999A3; FR2655717A1; EP0652410A1; GB2165341A; FR2757935A1; EP2920530A4;  
EP1953481A3; JPH11132624A; EP2013555A4; EP2846116A1; GB2379004A; GB2379004B; CN107514855A; US9022364B2; US7797963B2;  
US6925819B2; WO2010061340A3; WO2016107784A1; WO2006072901A1; US10890370B2; WO2007127961A2; EP1953481A2;  
WO2005028974A1; WO2020108916A1; WO8301293A1; WO2024028164A1

Designated contracting state (EPC)

CH DE FR GB IT

DOCDB simple family (publication)

**EP 0031311 A2 19810701; EP 0031311 A3 19820623**; CA 1142765 A 19830315; DK 504980 A 19810530; FI 803657 L 19810530;  
JP S5691167 A 19810723; SE 7909844 L 19810530

DOCDB simple family (application)

**EP 80850170 A 19801112**; CA 365678 A 19801127; DK 504980 A 19801127; FI 803657 A 19801124; JP 16684380 A 19801128;  
SE 7909844 A 19791129