

Title (en)

Improved refrigerator cooling system

Title (de)

Verbessertes Kühlschrankskühlsystem

Title (fr)

Système de refroidissement de réfrigérateur amélioré

Publication

**EP 2292997 A3 20161130 (EN)**

Application

**EP 10163683 A 20100524**

Priority

SI 200900195 A 20090715

Abstract (en)

[origin: US2011011120A1] The present invention refers to an improved cooling system for a refrigerator, preferably a domestic refrigerator, comprising a cell in which is located at least one compartment for the storage of food below freezing point, with said compartment being cooled using at least one wire tube evaporator arranged on at least one wall of said cell. It is provided for according to the invention that a wire tube evaporator (3, 4, 5) arranged inside said cell (1) is hydraulically connected to a tube evaporator (7), which extends in a manner similar to a coil (6) along the outer periphery of said cell (1).

IPC 8 full level

**F25D 23/06** (2006.01)

CPC (source: EP US)

**F25B 39/02** (2013.01 - EP US); **F25D 25/028** (2013.01 - EP US); **F25D 23/061** (2013.01 - EP US)

Citation (search report)

- [X] EP 1541944 A1 20050615 - INDESIT CO SPA [IT]
- [E] EP 2434238 A1 20120328 - GUANGDONG HOMA APPLIANCES CO [CN]

Cited by

CN103673407A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**US 2011011120 A1 20110120**; EP 2292997 A2 20110309; EP 2292997 A3 20161130; SI 23111 A 20110131

DOCDB simple family (application)

**US 82707110 A 20100630**; EP 10163683 A 20100524; SI 200900195 A 20090715