

Title (en)

Refrigerant circuit and refrigerator using such circuit

Title (de)

Kältemittelkreislauf und Kühlschrank damit

Title (fr)

Circuit de réfrigération et réfrigérateur utilisant un tel circuit

Publication

EP 2918952 A1 20150916 (EN)

Application

EP 14159209 A 20140312

Priority

EP 14159209 A 20140312

Abstract (en)

A refrigerant circuit is used in a refrigerator and comprises a capillary tube and an evaporator, wherein a conduit is interposed between the capillary tube and the evaporator having a conic shape whose narrow end is adjacent the capillary tube and whose large end is adjacent the evaporator, inside such conduit being placed a filter screen.

IPC 8 full level

F25B 41/06 (2006.01); **F25B 43/00** (2006.01)

CPC (source: EP US)

F25B 41/37 (2021.01 - EP US); **F25B 43/003** (2013.01 - EP US); **F25B 2500/12** (2013.01 - EP)

Citation (applicant)

- CN 2916528 Y 20070627 - GREE ELECTRIC APPLIANCES INC [CN]
- CN 102003847 A 20110406 - TCL AIR CONDITIONER ZHONGSHAN CO LTD

Citation (search report)

- [XAI] JP S5214558 U 19770201
- [XI] JP S49120450 A 19741118
- [X] JP S6123663 U 19860212
- [X] JP 2013221697 A 20131028 - MATSUMOTO TERUMASA, et al
- [A] US 4793150 A 19881227 - WATTLEY MARK D [US], et al
- [A] DE 164550 C

Cited by

CN108798628A; US2019226732A1

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2918952 A1 20150916

DOCDB simple family (application)

EP 14159209 A 20140312