

Title (en)

A REFRIGERATOR COMPRISING A FAN ASSEMBLY

Title (de)

KÜHLSCHRANK MIT EINER GEBLÄSEANORDNUNG

Title (fr)

RÉFRIGÉRATEUR DOTÉ D'ENSEMBLE VENTILATEUR

Publication

EP 3469276 B1 20201007 (EN)

Application

EP 17730092 A 20170606

Priority

- TR 201607826 A 20160609
- EP 2017063703 W 20170606

Abstract (en)

[origin: WO2017211821A1] The present invention relates to a refrigerator comprising a cabin (1) with thermal insulation; an inner lining (10) that surrounds the inner section of the cabin (1) so as to define a refrigeration chamber; a sensor (20) that is directly disposed on the inner lining (10); a fan casing (40) that covers a fan (50) positioned on a rear wall (11) of the inner lining (10) away from the sensor (20), so as to allow radial air flow, wherein an air blocking element (30) is provided in the part of the fan casing (40) facing the sensor (20) so as to at least partially block the cooling air that is accelerated by the fan (50).

IPC 8 full level

F25D 17/06 (2006.01)

CPC (source: EP)

F04D 27/001 (2013.01); **F04D 29/541** (2013.01); **F04D 29/703** (2013.01); **F25D 17/06** (2013.01); **F25D 2317/0681** (2013.01);
F25D 2317/0683 (2013.01); **F25D 2700/12** (2013.01)

Citation (examination)

- US 2008156029 A1 20080703 - RITCHIE SHEENA LEIGH [US], et al
- JP 2006105463 A 20060420 - HOSHIZAKI ELECTRIC CO LTD
- JP 4381019 B2 20091209
- US 2009169387 A1 20090702 - YOO MYUNG-KEUN [KR], et al
- JP 2012132612 A 20120712 - HOSHIZAKI ELECTRIC CO LTD
- CN 203867946 U 20141008 - UNIVERSAL SCIENT IND CO LTD, et al

Cited by

CN112503034A

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

DOCDB simple family (publication)

WO 2017211821 A1 20171214; WO 2017211821 A9 20180201; EP 3469276 A1 20190417; EP 3469276 B1 20201007;
PL 3469276 T3 20210628; TR 201607826 A2 20171221

DOCDB simple family (application)

EP 2017063703 W 20170606; EP 17730092 A 20170606; PL 17730092 T 20170606; TR 201607826 A 20160609