

Title (en)  
REFRIGERATOR

Title (de)  
KÜHLSCHRANK

Title (fr)  
RÉFRIGÉRATEUR

Publication  
**EP 3507553 A4 20190918 (EN)**

Application  
**EP 18736521 A 20180103**

Priority  

- KR 20170000956 A 20170103
- US 201762524882 P 20170626
- KR 20170111502 A 20170831
- KR 2018000102 W 20180103

Abstract (en)  
[origin: KR20180080092A] A refrigerator comprises: a main body having a storage compartment; an inner door rotationally provided at the main body; and an outer door configured to open and close the storage compartment together with the inner door and rotationally provided at the inner door, wherein the inner door includes a connector seating portion disposed at an upper portion of the inner door and configured to connect a first electric wire extending from the main body to the inner door to a second electric wire extending from the outer door to the inner door. Connections between the electric wires are improved so as not to be influenced by the inner and outer doors such that durability of the electric wires can be improved.

IPC 8 full level  
**F25D 23/02** (2006.01); **E05D 11/00** (2006.01)

CPC (source: EP KR US)  
**E05D 11/0081** (2013.01 - EP KR US); **F25D 23/025** (2013.01 - EP KR US); **F25D 23/028** (2013.01 - EP KR US); **E05D 3/02** (2013.01 - EP); **E05D 2005/102** (2013.01 - EP KR); **E05Y 2900/31** (2013.01 - EP KR US); **F25D 2323/023** (2013.01 - KR); **F25D 2323/024** (2013.01 - EP KR); **F25D 2400/36** (2013.01 - EP KR); **F25D 2400/40** (2013.01 - EP KR)

Citation (search report)  

- [YA] WO 2016175563 A1 20161103 - LG ELECTRONICS INC [KR]
- [YA] EP 1821052 A2 20070822 - THETFORD CORP [US]
- [A] EP 2592371 A2 20130515 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- See also references of WO 2018128377A1

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)  
AU 2018206195 A1 20190502; AU 2018206195 B2 20230119; CN 109863358 A 20190607; CN 109863358 B 20210924; EP 3507553 A1 20190710; EP 3507553 A4 20190918; EP 3507553 B1 20231122; KR 102385823 B1 20220413; KR 102460243 B1 20221031; KR 20180080092 A 20180711; KR 20220047944 A 20220419; PL 3507553 T3 20240513

DOCDB simple family (application)  
AU 2018206195 A 20180103; CN 201880004000 A 20180103; EP 18736521 A 20180103; KR 20170111502 A 20170831; KR 20220043100 A 20220406; PL 18736521 T 20180103