

Title (en)  
REFRIGERATION APPLIANCE

Title (de)  
KÜHLGERÄT

Title (fr)  
APPAREIL DE RÉFRIGÉRATION

Publication  
**EP 4206596 A4 20240221 (EN)**

Application  
**EP 21879448 A 20211013**

Priority  
• JP 2020173106 A 20201014  
• CN 2021123602 W 20211013

Abstract (en)  
[origin: EP4206596A1] A refrigeration appliance capable of using a simple structure to suppress the displacement of an electric box inside a machine chamber. The refrigeration appliance (10) of the present invention comprises a machine chamber (14) defined and formed in a heat insulation box (11), and an electric box (17) accommodated in the machine chamber (14). In addition, one end of the electric box (17) is connected to a side surface of the machine chamber (14) by means of a connecting portion (29), a protruding insertion portion (25) is inserted into an opening portion (26), the protruding insertion portion (25) is configured by means of part of the electric box (17) formed into a protruding shape, and the opening portion (26) is formed in the inner surface of the machine chamber (14).

IPC 8 full level  
**F25D 29/00** (2006.01); **F25D 19/00** (2006.01)

CPC (source: EP)  
**F25D 29/005** (2013.01); **F25D 23/006** (2013.01)

Citation (search report)  
• [XYI] CN 105737505 A 20160706 - BSH ELECTRICAL APPLIANCES JIANGSU CO LTD , et al  
• [XY] CN 106052293 A 20161026 - HEFEI HUALING CO LTD, et al  
• [Y] CN 1784126 A 20060607 - LG ELECTRONICS TIANJIN [CN]  
• [Y] WO 2020134954 A1 20200702 - QINGDAO HAIER REFRIGERATOR CO LTD [CN], et al  
• See also references of WO 2022078405A1

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)  
**EP 4206596 A1 20230705; EP 4206596 A4 20240221; CN 116368337 A 20230630; JP 2022064463 A 20220426; JP 7505755 B2 20240625;**  
WO 2022078405 A1 20220421

DOCDB simple family (application)  
**EP 21879448 A 20211013; CN 2021123602 W 20211013; CN 202180070629 A 20211013; JP 2020173106 A 20201014**