

Title (en)
REFRIGERATOR

Title (de)
KÜHLSCHRANK

Title (fr)
RÉFRIGÉRATEUR

Publication
EP 2722624 A4 20150520 (EN)

Application
EP 12799792 A 20120511

Priority
• JP 2011132219 A 20110614
• JP 2012062166 W 20120511

Abstract (en)
[origin: EP2722624A1] Provided is a refrigerator having excellent insulating properties which can ensure sufficient internal space. The refrigerator is provided with an insulating casing (12) and wiring (52) or piping (53). The insulating casing (12) is formed in a box shape, the inside of the box shape thereof having a housing space. The insulating walls of the insulating casing (12) are formed by sandwiching a first insulating member (15) having a fixed shape between an external sheet (13) and an internal sheet (14), or by sandwiching the first insulating member between the external sheet and the internal sheet with a fillable second insulating member (151). The wiring (52) and the piping (53) is provided in the housing space.

IPC 8 full level
F25D 23/06 (2006.01)

CPC (source: CN EP)
F25D 11/02 (2013.01 - CN); **F25D 19/00** (2013.01 - CN); **F25D 23/062** (2013.01 - EP); **F25D 23/063** (2013.01 - CN); **F25D 2400/40** (2013.01 - EP)

Citation (search report)
• [XYI] US 7621148 B1 20091124 - DAIN JOHN F [US], et al
• [X] EP 1275894 A1 20030115 - MATSUSHITA REFRIGERATION [JP]
• [Y] WO 9712100 A1 19970403 - OWENS CORNING FIBERGLASS CORP [US]
• [X] US 5512345 A 19960430 - TSUTSUMI MASATO [JP], et al
• [X] US 2007289976 A1 20071220 - MEYER CHRIS E [US], et al
• See references of WO 2012172896A1

Cited by
EP2789948A4; CN111971516A; WO2020004943A1; US11428456B2; US11913706B2

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 2722624 A1 20140423; EP 2722624 A4 20150520; EP 2722624 B1 20201111; CN 103733007 A 20140416; CN 103733007 B 20170308; CN 106871538 A 20170620; CN 106871538 B 20200721; JP 2013002679 A 20130107; JP 5755040 B2 20150729; TW 201319495 A 20130516; TW I477728 B 20150321; WO 2012172896 A1 20121220

DOCDB simple family (application)
EP 12799792 A 20120511; CN 201280037089 A 20120511; CN 201710073244 A 20120511; JP 2011132219 A 20110614; JP 2012062166 W 20120511; TW 101119122 A 20120529