

Title (en)
REFRIGERATOR

Title (de)
KÜHLSCHRANK

Title (fr)
RÉFRIGÉRATEUR

Publication
EP 2789948 A4 20150729 (EN)

Application
EP 12854926 A 20121005

Priority
• JP 2011267809 A 20111207
• JP 2012075984 W 20121005

Abstract (en)
[origin: EP2789948A1] A refrigerator includes an insulation box constructed by disposing an insulation panel between an outer box and an inner box. The insulation box has in an inside a storage space surrounded by a ceiling wall, a bottom wall, a left sidewall, a right sidewall and a rear wall. The insulation box includes piping located outside the storage space.

IPC 8 full level
F25D 23/06 (2006.01)

CPC (source: EP)
F25D 23/061 (2013.01); **F25D 23/063** (2013.01); **F25D 21/04** (2013.01); **F25D 23/068** (2013.01); **F25D 2201/14** (2013.01)

Citation (search report)
• [E] EP 2722624 A1 20140423 - TOSHIBA KK [JP], et al
• [E] EP 2789949 A1 20141015 - TOSHIBA KK [JP], et al
• [E] EP 2789938 A1 20141015 - TOSHIBA INC KK [JP], et al
• [X] US 2002100250 A1 20020801 - HIRATH JURGEN [DE], et al
• [XY] JP 2005098637 A 20050414 - HITACHI HOME & LIFE SOLUTIONS
• [Y] JP 2007078264 A 20070329 - SANYO ELECTRIC CO
• [A] EP 1338854 A1 20030827 - WHIRLPOOL CO [US]
• [A] JP S57108080 U 19820703
• [A] WO 2006011112 A1 20060202 - ARCELIK AS [TR], et al
• [A] JP 2005201529 A 20050728 - MATSUSHITA ELECTRIC IND CO LTD
• [A] JP S58183490 U 19831207
• [A] JP S57114392 U 19820715
• [A] JP 2005090810 A 20050407 - MATSUSHITA ELECTRIC IND CO LTD
• See references of WO 2013084583A1

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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 2789948 A1 20141015; EP 2789948 A4 20150729; EP 2789948 B1 20170830; CN 103975212 A 20140806; CN 103975212 B 20160217; JP 2013120000 A 20130617; JP 6021321 B2 20161109; TW 201323809 A 20130616; TW I567354 B 20170121; WO 2013084583 A1 20130613

DOCDB simple family (application)
EP 12854926 A 20121005; CN 201280060228 A 20121005; JP 2011267809 A 20111207; JP 2012075984 W 20121005; TW 101138948 A 20121022