

Title (en)
REFRIGERATOR

Title (de)
KÜHLSCHRANK

Title (fr)
RÉFRIGÉRATEUR

Publication
EP 2551617 A4 20151118 (EN)

Application
EP 11758949 A 20110307

Priority
• JP 2010069642 A 20100325
• JP 2010069641 A 20100325
• JP 2011001307 W 20110307

Abstract (en)
[origin: US2012306338A1] A refrigerator (100) includes: a storage compartment formed inside of a heat-insulating main body (101) and having an opening in a front face; a pull-out door (201) which opens and closes the opening in the front face of the storage compartment; and a rail device (202) which makes a container (206) provided inside of the storage compartment movable forward and backward as the pull-out door (201) opens and closes, in which the rail device (202) includes: a fixed rail (221) fixed with respect to the storage compartment; and a movable rail (222, 223) connected to the pull-out door (201), movable forward and backward along the fixed rail (221), provided below a center of the pull-out door (201) in a vertical direction, and which supports the container (206), and the pull-out door (201) includes a supporting unit (301, 303) which supports the container (206).

IPC 8 full level
F25D 25/00 (2006.01); **F25D 23/02** (2006.01)

CPC (source: EP US)
F25D 23/067 (2013.01 - EP US); **F25D 25/025** (2013.01 - EP US); **A47B 88/427** (2016.12 - EP US); **A47B 88/906** (2016.12 - EP US); **A47B 88/944** (2016.12 - EP US); **F25D 23/021** (2013.01 - EP US)

Citation (search report)
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• [X] JP 2001263931 A 20010926 - MATSUSHITA REFRIGERATION
• [XY] JP 2009228948 A 20091008 - PANASONIC CORP
• [Y] KR 20030079522 A 20031010 - WINIAMANDO INC [KR]
• [Y] JP 2010014327 A 20100121 - PANASONIC CORP
• [Y] CN 101126583 A 20080220 - TOSHIBA KK [JP]
• [Y] JP 2001116446 A 20010427 - HITACHI LTD
• See references of WO 2011118137A1

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EP3722715A4

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

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US 2012306338 A1 20121206; CN 102762939 A 20121031; EP 2551617 A1 20130130; EP 2551617 A4 20151118; EP 2551617 B1 20190918; TW 201200828 A 20120101; WO 2011118137 A1 20110929

DOCDB simple family (application)
US 201113578429 A 20110307; CN 201180009469 A 20110307; EP 11758949 A 20110307; JP 2011001307 W 20110307; TW 100107110 A 20110303