

Title (en)
Refrigerator having door opening apparatus

Title (de)
Kühlanlage mit Türöffnungsvorrichtung

Title (fr)
Réfrigérateur doté d'un appareil d'ouverture de porte

Publication
EP 2333463 A3 20140108 (EN)

Application
EP 10192863 A 20101129

Priority
KR 20090121434 A 20091208

Abstract (en)
[origin: EP2333463A2] A refrigerator with a handle unit allows a user to open a door with a small force. The refrigerator includes a main body including upper and lower storage chambers, a pair of rotating first doors to open and close the upper storage chamber, a second drawer type door to open and close the lower storage chamber, a handle unit mounted on the second door to slidably move in forward and backward directions of the second door, push members moving forward and backward in a direction of the rear surface of the second door, and interlocking units provided between the handle unit and the push members, wherein the interlocking units move the push members in connection with the forward sliding movement of the handle unit to separate the second door from the main body.

IPC 8 full level
F25D 23/02 (2006.01); **E05B 17/00** (2006.01); **F25D 25/02** (2006.01)

CPC (source: EP KR US)
E05B 17/0033 (2013.01 - EP US); **F25D 23/02** (2013.01 - KR); **F25D 23/028** (2013.01 - EP US); **F25D 25/00** (2013.01 - KR); **F25D 25/025** (2013.01 - EP US); **F25D 2400/04** (2013.01 - EP US)

Citation (search report)

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- [A] JP 2005345059 A 20051215 - MATSUSHITA ELECTRIC IND CO LTD
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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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2333463 A2 20110615; EP 2333463 A3 20140108; CN 102087068 A 20110608; KR 20110064720 A 20110615; US 2011132024 A1 20110609

DOCDB simple family (application)
EP 10192863 A 20101129; CN 201010582786 A 20101206; KR 20090121434 A 20091208; US 92667010 A 20101202