

Title (en)
REFRIGERATOR

Title (de)
KÜHLSCHRANK

Title (fr)
RÉFRIGÉRATEUR

Publication
EP 3105519 A4 20170913 (EN)

Application
EP 15761163 A 20150311

Priority
• KR 20140028617 A 20140311
• KR 20140096638 A 20140729
• KR 2015002357 W 20150311

Abstract (en)
[origin: EP3789700A1] Provided is a refrigerator having both of a first door and a second door opened/closed using one hand by allowing a latch device to fix the second door to the first door or release the second door from being fixed to the first door. The refrigerator includes a main body having a storage compartment, a first door that is rotatably disposed in front of the main body and has an opening formed therein, a second door that is rotatably disposed in front of the first door to open/close the opening, a handle coupled to a front side of the second door to open/close the first door and the second door, and a latch device allowing the second door to be fixed and released to/from the first door.

IPC 8 full level
F25D 23/02 (2006.01); **E05B 1/02** (2006.01); **E05B 65/44** (2006.01)

CPC (source: EP KR US)
E05B 15/0205 (2013.01 - EP US); **E05B 17/0033** (2013.01 - EP US); **E05C 1/16** (2013.01 - EP US); **E05C 3/14** (2013.01 - EP US); **E05C 3/16** (2013.01 - EP US); **E06B 7/16** (2013.01 - KR); **F25D 11/02** (2013.01 - KR); **F25D 23/02** (2013.01 - EP US); **F25D 23/028** (2013.01 - KR); **E05B 65/0042** (2013.01 - EP US); **E05D 3/04** (2013.01 - EP US); **E05D 7/081** (2013.01 - EP US); **E05Y 2900/31** (2013.01 - EP KR US); **F25D 23/025** (2013.01 - EP US); **F25D 2323/021** (2013.01 - KR); **F25D 2323/023** (2013.01 - KR); **F25D 2323/024** (2013.01 - KR)

Citation (search report)
• [XAI] JP S57157983 A 19820929 - TAKAO NOBUHIRO
• [XAI] JP S5785184 U 19820526
• [XAI] JP S56164495 U 19811205
• See references of WO 2015137725A1

Cited by
CN115031481A

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 3789700 A1 20210310; AU 2015230612 A1 20160922; AU 2015230612 B2 20170629; CA 2941235 A1 20150917; CA 2941235 C 20190115; CN 106415170 A 20170215; CN 106415170 B 20191018; CN 109668371 A 20190423; CN 109668371 B 20210115; EP 3105519 A1 20161221; EP 3105519 A4 20170913; EP 3105519 B1 20210616; KR 102332723 B1 20211202; KR 102373808 B1 20220314; KR 20150106311 A 20150921; KR 20210149655 A 20211209

DOCDB simple family (application)
EP 20203876 A 20150311; AU 2015230612 A 20150311; CA 2941235 A 20150311; CN 201580026958 A 20150311; CN 201811582231 A 20150311; EP 15761163 A 20150311; KR 20140096638 A 20140729; KR 20210163939 A 20211125