

Title (en)  
REFRIGERATOR

Title (de)  
KÜHLSCHRANK

Title (fr)  
REFRIGERATEUR

Publication  
**EP 2405215 A1 20120111 (EN)**

Application  
**EP 10748510 A 20100303**

Priority  
• JP 2010001447 W 20100303  
• JP 2009050304 A 20090304

Abstract (en)  
A refrigerator (100) includes: a heat-insulating main body (150) composing a storage compartment having an opening at a front face; and a main door (111) which freely opens and closes at the opening of the storage compartment, in which the main door (111) includes: an opening (113) provided at a front face of the main door (111); a sub door (112) which freely opens and closes at the opening (113) through rotation; an axis member (140) for rotatably holding the sub door (112); a fixing member (141) provided across a sub door side face and an opening inner side face, the sub door side face being a side face of the sub door (112) in an axial direction of the axis member (140), and the opening inner side face being an inner side face of the opening (113) opposite to the sub door side face; and a regulating member (180) for regulating a rotational angle of the sub door (112) at a predetermined angle by contacting the fixing member (141) when the sub door (112) is open.

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

CPC (source: EP US)  
**F25D 23/025** (2013.01 - EP US); **E05D 11/06** (2013.01 - EP US); **E05Y 2800/71** (2013.01 - EP US); **E05Y 2900/31** (2013.01 - EP US); **F25D 2323/023** (2013.01 - EP US); **F25D 2323/024** (2013.01 - EP US)

Cited by  
EP2778579A1

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2405215 A1 20120111; EP 2405215 A4 20140730**; CN 101825382 A 20100908; CN 101825382 B 20130911; JP 2010203695 A 20100916; US 2011315694 A1 20111229; WO 2010100911 A1 20100910

DOCDB simple family (application)  
**EP 10748510 A 20100303**; CN 200910126555 A 20090312; JP 2009050304 A 20090304; JP 2010001447 W 20100303; US 201013254786 A 20100303