

Title (en)
REFRIGERATOR

Title (de)
KÜHLSCHRANK

Title (fr)
RÉFRIGÉRATEUR

Publication
EP 2464923 A4 20180425 (EN)

Application
EP 10808351 A 20100811

Priority
• KR 20090073617 A 20090811
• KR 2010005265 W 20100811

Abstract (en)
[origin: WO2011019202A2] Provided is a refrigerator. The refrigerator includes a main body having a storage space; a door that is connected to the main body to selectively shield the storage space; a water supply container disposed in the storage space in a state where the door shields the storage space; an ice-maker disposed in a predetermined position of the storage space above the water supply container in a state where the door shields the storage space; a dispenser that is provided to a predetermined position of the door above the water supply container, to receive water or ice; a water supply passage extending from the water supply container to the ice-maker and the dispenser; a pump that is provided on the water supply passage to forcibly direct the water stored in the water supplying container to the ice-maker or the dispenser; and a valve that is provided on a predetermined position of the water supply passage near an outlet side of the pump to selectively supply the water to the ice-maker or the dispenser, wherein the pump is located at a height lower than the water supply container, and the valve is located at a height identical to or higher than the pump.

IPC 8 full level
F25D 11/00 (2006.01); **F25D 19/00** (2006.01); **F25D 23/12** (2006.01)

CPC (source: EP KR US)
F25D 11/00 (2013.01 - KR); **F25D 19/00** (2013.01 - KR); **F25D 23/126** (2013.01 - EP US); **F25C 2400/10** (2013.01 - EP US);
F25C 2400/14 (2013.01 - EP US); **F25D 2323/122** (2013.01 - EP US); **F25D 2400/06** (2013.01 - EP US); **F25D 2500/02** (2013.01 - EP US)

Citation (search report)
• [XYI] EP 1602622 A1 20051207 - WHIRLPOOL CO [US]
• [Y] WO 2009061118 A2 20090514 - LG ELECTRONICS INC [KR], et al
• [I] US 5511388 A 19960430 - TAYLOR JAMES E [US], et al

Cited by
US9655971B2; US9662399B2; US10478504B2; US10792364B2; US11576974B2

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011019202 A2 20110217; **WO 2011019202 A3 20110603**; AU 2010283082 A1 20120301; AU 2010283082 B2 20130523;
BR 112012001896 A2 20160315; BR 112012001896 B1 20200714; BR 112012001896 B8 20211221; CN 102472548 A 20120523;
CN 102472548 B 20140910; EP 2464923 A2 20120620; EP 2464923 A4 20180425; EP 2464923 B1 20200722; JP 2013501206 A 20130110;
JP 5406371 B2 20140205; KR 101096994 B1 20111220; KR 20110016092 A 20110217; US 2012111049 A1 20120510

DOCDB simple family (application)
KR 2010005265 W 20100811; AU 2010283082 A 20100811; BR 112012001896 A 20100811; CN 201080031642 A 20100811;
EP 10808351 A 20100811; JP 2012523571 A 20100811; KR 20090073617 A 20090811; US 201013384494 A 20100811