

Title (en)
Refrigerator

Title (de)
Kühlschrank

Title (fr)
Réfrigérateur

Publication
EP 2339277 A3 20161221 (EN)

Application
EP 10157229 A 20100322

Priority
• KR 20090129332 A 20091222
• KR 20090129333 A 20091222
• KR 20090129334 A 20091222

Abstract (en)
[origin: EP2339277A2] A refrigerator (1) is provided. The refrigerator (1) includes a cabinet (10) defining a storage compartment; a door (11) configured to open and close the storage compartment, the door comprising an outer case (111) and a door liner (112); an ice maker (210) configured to generate ice cubes; an ice bin (300) provided at the refrigerator door, the ice bin storing the ice cubes generated in the ice maker (210); a dispenser (17) provided at the door, the dispenser (17) dispensing the ice cubes stored in the ice bin (310); and a vacuum insulation panel disposed between the outer case (111) and the ice bin (300) to insulate the storage compartment from an outside.

IPC 8 full level
F25D 23/12 (2006.01)

CPC (source: EP US)
F25C 5/22 (2017.12 - EP US); **F25D 23/02** (2013.01 - EP US); **F25C 5/046** (2013.01 - EP US); **F25C 2400/10** (2013.01 - EP US); **F25D 2201/14** (2013.01 - EP US)

Citation (search report)
• [A] US 2009211292 A1 20090827 - SMITH LINDSEY A [US], et al
• [A] US 2007080102 A1 20070412 - CUR NIHAT O [US], et al
• [A] EP 2027422 A2 20090225 - ARCELIK AS [TR]
• [E] JP 2010071565 A 20100402 - HITACHI APPLIANCES INC

Cited by
EP2741035A3; EP2808627A3; EP3671080A1; US9671147B2; EP3957934A4; AU2019440809B2; US9851137B2; US10619904B2; US11293679B2; US10907882B2; US11435130B2; US11874053B2

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

Designated extension state (EPC)
AL BA ME RS

DOCDB simple family (publication)
EP 2339277 A2 20110629; **EP 2339277 A3 20161221**; **EP 2339277 B1 20190605**; CN 102102931 A 20110622; EP 3537076 A1 20190911; EP 3537076 B1 20210811; EP 3961134 A1 20220302; EP 3995768 A1 20220511; US 2011146325 A1 20110623

DOCDB simple family (application)
EP 10157229 A 20100322; CN 201010141619 A 20100329; EP 19167614 A 20100322; EP 21190519 A 20100322; EP 21190521 A 20100322; US 73046210 A 20100324