

Title (en)
Refrigerator

Title (de)
Kühlschrank

Title (fr)
Réfrigérateur

Publication
EP 2339276 A2 20110629 (EN)

Application
EP 10193809 A 20101206

Priority
KR 20090129106 A 20091222

Abstract (en)
Disclosed herein is a refrigerator. In a refrigeration cycle including a channel switching valve (34) to selectively supply a refrigerant to a first evaporator side (28) and/or a second evaporator (29) side and hot pipes (32,33), a hot pipe on a freezing chamber side and a hot pipe on a refrigerating chamber are disposed upstream and downstream of the channel switching valve (34), respectively to reduce unbalance in amounts of the refrigerant and in the amounts of generated heat.

IPC 8 full level
F25D 21/14 (2006.01); **F25D 11/02** (2006.01); **F25D 21/04** (2006.01); **F25B 5/00** (2006.01)

CPC (source: EP KR US)
F25B 5/04 (2013.01 - KR); **F25D 11/022** (2013.01 - EP KR US); **F25D 21/04** (2013.01 - EP KR US); **F25B 5/00** (2013.01 - EP US); **F25B 2400/0409** (2013.01 - EP KR US); **F25B 2600/2511** (2013.01 - EP KR US)

Cited by
WO2014023689A1; WO2018001504A1; WO2024080510A1

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 2339276 A2 20110629; **EP 2339276 A3 20180523**; **EP 2339276 B1 20190327**; CN 102102934 A 20110622; CN 102102934 B 20150114; KR 101666428 B1 20161017; KR 20110072251 A 20110629; US 2011146310 A1 20110623

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