

Title (en)  
REFRIGERATOR WITH A DEFROSTING HEATER

Title (de)  
KÜHLSCHRANK MIT ENTEISUNGSERHITZER

Title (fr)  
RÉFRIGÉRATEUR AVEC UN DISPOSITIF DE CHAUFFAGE DÉGIVRANT

Publication  
**EP 2454540 A2 20120523 (EN)**

Application  
**EP 10799982 A 20100701**

Priority  
• KR 2010004291 W 20100701  
• KR 20090064665 A 20090715

Abstract (en)  
[origin: WO2011007971A2] Disclosed are a defrosting heater for a refrigerator and a refrigerator having the same, the refrigerator including an evaporator disposed in a refrigerator main body and configured to generate cold air, a fan configured to blow cold air flowed through the evaporator to circulate within the refrigerator main body, and a defrosting heater configured to defrost the evaporator and the fan by applying heat to the evaporator and the fan, wherein the defrosting heater comprises an evaporator defrosting unit configured to defrost the evaporator and a fan defrosting unit configured to defrost the fan, the evaporator defrosting unit and the fan defrosting unit being integrally formed, whereby the evaporator and the fan can simultaneously be defrosted.

IPC 8 full level  
**F25D 21/08** (2006.01); **F25D 21/06** (2006.01)

CPC (source: EP US)  
**F25D 17/065** (2013.01 - EP US); **F25D 21/08** (2013.01 - EP US); **F25D 17/067** (2013.01 - EP US); **F25D 2317/0681** (2013.01 - EP US); **F25D 2317/0682** (2013.01 - EP US); **F25D 2317/0683** (2013.01 - EP US)

Cited by  
US2023204277A1; US11994335B2; WO2023129368A1

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 2011007971 A2 20110120; WO 2011007971 A3 20110414**; EP 2454540 A2 20120523; EP 2454540 A4 20170628; EP 2454540 B1 20200902; KR 101637443 B1 20160707; KR 20110006996 A 20110121; US 2012096887 A1 20120426

DOCDB simple family (application)  
**KR 2010004291 W 20100701**; EP 10799982 A 20100701; KR 20090064665 A 20090715; US 201013380192 A 20100701