

Title (en)  
REFRIGERATOR

Title (de)  
KÜHLVORRICHTUNG

Title (fr)  
RÉFRIGÉRATEUR

Publication  
**EP 2397800 B1 20170628 (EN)**

Application  
**EP 09839947 A 20090309**

Priority  
• JP 2009001040 W 20090309  
• JP 2009030031 A 20090212

Abstract (en)  
[origin: EP2397800A1] To provide a refrigerator which allows defrosting an entire cooler without raising temperature of a defrosting heater too high, a refrigerator (100) includes a heat-insulating main body (150) having an opening in a front face and a cooler (310) which cools air inside the heat-insulating main body (150), and includes a radiant heater (312) which is provided below the cooler (310) and removes frost formed on the cooler 310 by radiant heat, and a contact heater (313) which is provided in an upper part of the cooler (310) and removes frost formed on the cooler (310) by thermal conduction.

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

CPC (source: EP)  
**F25D 21/08** (2013.01)

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 TR

DOCDB simple family (publication)  
**EP 2397800 A1 20111221; EP 2397800 A4 20150114; EP 2397800 B1 20170628;** CN 102317717 A 20120111; CN 102317717 B 20131009;  
WO 2010092624 A1 20100819

DOCDB simple family (application)  
**EP 09839947 A 20090309;** CN 200980156603 A 20090309; JP 2009001040 W 20090309