

Title (en)  
REFRIGERATOR

Title (de)  
KÜHLSCHRANK

Title (fr)  
RÉFRIGÉRATEUR

Publication  
**EP 3081886 B1 20210505 (EN)**

Application  
**EP 16163000 A 20110228**

Priority  
• JP 2010047197 A 20100303  
• JP 2010047164 A 20100303  
• JP 2010046442 A 20100303  
• EP 11750359 A 20110228  
• JP 2011001145 W 20110228

Abstract (en)  
[origin: EP2543945A1] A refrigerator (100) which includes: a main body (101) including an opening in a front face; a semiconductor light-emitting device (210) which is disposed on an inner wall of the main body (101) and emits light toward an inside of the main body (101); and a cover (220). The cover (220) includes: a light-transmission part (221) which is disposed such that a transmission axis A is inclined toward a back of the main body (101) more than an inner wall axis C is, the transmission axis A being an axis perpendicular to an outer face of the light-transmission part (221) that faces the inside of the main body (101), and the inner wall axis C being an axis perpendicular to a face of the inner wall on which the semiconductor light-emitting device (210) is disposed; and a support part (222) which supports the light-transmission part (221) with respect to the main body (101). The semiconductor light-emitting device (210) is disposed so as to have a light axis B which extends in the same direction as the transmission axis A or is inclined toward the opening more than the transmission axis A is.

IPC 8 full level  
**F21S 8/02** (2006.01); **F21V 5/00** (2018.01); **F25D 27/00** (2006.01)

CPC (source: EP US)  
**F25D 27/00** (2013.01 - EP US); **F21W 2131/305** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**EP 2543945 A1 20130109; EP 2543945 A4 20151007**; CN 102753922 A 20121024; CN 102753922 B 20150513; EP 3081886 A1 20161019; EP 3081886 B1 20210505; TW 201144725 A 20111216; TW I541480 B 20160711; US 2013027906 A1 20130131; WO 2011108246 A1 20110909

DOCDB simple family (application)  
**EP 11750359 A 20110228**; CN 201180009129 A 20110228; EP 16163000 A 20110228; JP 2011001145 W 20110228; TW 100106873 A 20110302; US 201113581712 A 20110228