

Title (en)
REFRIGERATOR WITH ULTRAVIOLET LIGHT EMITTING DIODE

Title (de)
KÜHLSCHRANK MIT UV-LED

Title (fr)
RÉFRIGÉRATEUR AVEC DIODE ÉLECTROLUMINESCENTE ULTRAVIOLETTE

Publication
EP 2773384 A4 20150909 (EN)

Application
EP 12845828 A 20121029

Priority

- CN 201110336032 A 20111031
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- CN 201110368006 A 20111118
- US 2012062399 W 20121029

Abstract (en)
[origin: US2013104579A1] Embodiments of the invention include a sealed compartment and a door disposed on a side of the sealed compartment, and a cooler for cooling an interior of the sealed compartment. At least one light emitting diode configured to emit light having a peak wavelength in the ultraviolet range is positioned to emit ultraviolet light in the sealed compartment.

IPC 8 full level
A61L 2/10 (2006.01); **A61L 2/02** (2006.01); **A61L 2/08** (2006.01); **F25D 11/00** (2006.01); **F25D 17/04** (2006.01)

CPC (source: EP US)
F25D 17/042 (2013.01 - EP US); **F25D 2317/0417** (2013.01 - EP US); **F25D 2317/0681** (2013.01 - EP US)

Citation (search report)

- [XAI] EP 1887297 A1 20080213 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [XA] JP 2006017443 A 20060119 - MITSUBISHI ELECTRIC CORP
- [XA] KR 20110057773 A 20110601 - LG ELECTRONICS INC [KR]
- [XA] CN 2589913 Y 20031203 - OUYANG WEI [CN]
- [IA] US 2906104 A 19590929 - SCHACFER HAROLD W, et al
- [XA] EP 2157384 A2 20100224 - VESTEL BEYAZ ESYA SANAYI VE TI [TR]
- [XA] JP 2004166996 A 20040617 - TOSHIBA LIGHTING & TECHNOLOGY
- [XA] US 2008286146 A1 20081120 - SCHROLL KATRIN [DE], et al
- [XA] US 2008307818 A1 20081218 - MIN DEUL RE [KR], et al
- See references of WO 2013066807A1

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)
US 2013104579 A1 20130502; EP 2773384 A1 20140910; EP 2773384 A4 20150909; WO 2013066807 A1 20130510

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