

Title (en)

METHOD OF REMOVING CONDENSATION FROM A REFRIGERATOR/FREEZER DOOR

Title (de)

VERFAHREN ZUM ENTFERNEN VON KONDENSWASSER VON EINER KÜHLSCHRANK-/TIEFKÜHLSCHRANKTÜR

Title (fr)

PROCEDE POUR L'ELIMINATION DE LA CONDENSATION SUR UNE PORTE DE REFRIGERATEUR/CONGELATEUR

Publication

**EP 2872013 B1 20191009 (EN)**

Application

**EP 13742545 A 20130701**

Priority

- US 201213543426 A 20120706
- US 2013048917 W 20130701

Abstract (en)

[origin: WO2014008183A1] A method of removing condensation from a refrigerator/freezer door including at least one glass substrate (4502, 4504), the door being connected to a heating system operable in at least first and second modes, the method comprising: when the heating system is operating in the first mode (S4410), heating the door while condensation is detected as being present thereon, as determined via a moisture detector (4508); and when the heating system is operating in the second mode (S4416): heating the door when the door is determined to be open, and continuing to heat the door, until either the door is determined to be closed, or a thermal runaway (S4420) is detected, whichever comes first.

IPC 8 full level

**A47F 3/04** (2006.01); **F25D 21/08** (2006.01); **H05B 3/84** (2006.01)

CPC (source: EP)

**A47F 3/0434** (2013.01); **F25D 21/08** (2013.01); **H05B 1/0252** (2013.01); **H05B 3/84** (2013.01); **F25B 2700/02** (2013.01); **F25D 2700/02** (2013.01)

Citation (examination)

US 2003127452 A1 20030710 - GERHARDINGER PETER F [US], et al

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)

**WO 2014008183 A1 20140109**; EP 2872013 A1 20150520; EP 2872013 B1 20191009

DOCDB simple family (application)

**US 2013048917 W 20130701**; EP 13742545 A 20130701