

Title (en)

REFRIGERATION DEVICE WITH A REGION FOR STORING FOOD ITEMS IN AN ELECTRIC FIELD

Title (de)

KÜHLVORRICHTUNG MIT EINEM BEREICH ZUM LAGERN VON LEBENSMITTELN IN EINEM ELEKTRISCHEN FELD

Title (fr)

DISPOSITIF DE RÉFRIGÉRATION COMPRENANT UNE RÉGION POUR STOCKER DES ARTICLES ALIMENTAIRES DANS UN CHAMP ÉLECTRIQUE

Publication

EP 2795211 A2 20141029 (EN)

Application

EP 12813206 A 20121220

Priority

- US 201113334229 A 20111222
- US 2012070770 W 20121220

Abstract (en)

[origin: US2013160467A1] Provided is a refrigeration device for storing food within an electric field. The refrigeration device includes a fresh food compartment and a freezer compartment vertically below an elevation of the fresh food compartment. A storage compartment in which a desired temperature for storing food is selectable by a user independently of a target temperature of at least one of the fresh food compartment and the freezer compartment. A refrigeration system provides a cooling effect to the fresh food compartment, the freezer compartment and the storage compartment, and a conductor is arranged within close physical proximity to a bottom surface of the storage compartment. A control system controls delivery of an alternating electric signal to the conductor for generating an electric field that extends into the storage compartment, wherein the alternating electric signal comprises a frequency less than 1 kHz and a voltage greater than or equal to 1 kV.

IPC 8 full level

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