

Title (en)

Refrigerator with ion generator and method of controlling the same

Title (de)

Kühlschrank mit Ionengenerator und Verfahren zu dessen Steuerung

Title (fr)

Réfrigérateur avec générateur d'ions et son procédé de contrôle

Publication

EP 1936301 A2 20080625 (EN)

Application

EP 07112534 A 20070716

Priority

KR 20060132169 A 20061221

Abstract (en)

Disclosed are a refrigerator equipped with an ion generator (40) and a method for controlling the same, capable of maintaining the density of ozone, which is generated together with ions, to a level less than a predetermined level. The refrigerator and the method for controlling the same can adjust the density of ozone in the refrigerator without employing additional equipment or the control for the equipment such that the ozone is not harmful to a human body by incorporating an operational pattern of a damper operating according to the temperatures of both a freezing chamber (11) and a refrigerating chamber (12) with the operation of the ion generator (40) in order to control the density of the ozone generated from the insides of plural storage rooms by the operation of the ion generator.

IPC 8 full level

F25D 17/04 (2006.01)

CPC (source: EP KR US)

F25D 17/042 (2013.01 - EP KR US); **F25D 17/045** (2013.01 - KR); **F25D 2317/041** (2013.01 - EP KR US); **F25D 2317/0416** (2013.01 - EP KR US); **F25D 2700/12** (2013.01 - KR)

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