

Title (en)

A REFRIGERATOR COMPRISING A HUMIDIFIER

Title (de)

KÜHLSCHRANK MIT BEFEUCHTER

Title (fr)

APPAREIL FRIGORIFIQUE AVEC HUMIDIFICATEUR

Publication

**EP 3842713 A1 20210630 (EN)**

Application

**EP 20210256 A 20201127**

Priority

TR 201919282 A 20191204

Abstract (en)

Refrigerator (1) comprising a fresh food compartment (2); a door (3) which separates the fresh food compartment (2) from the outer environment; at least one shelf (4) which is provided on the door (3) ; a crisper (5) which is disposed at the lower section of the fresh food compartment (2); a lid (6) which is placed onto the crisper (5) and which separates the inner volume of the crisper (5) from the inner volume of the fresh food compartment (2); a front wall (7); a sensor (8) which detects the humidity in the crisper (5); a humidifier (11) which delivers cold vapor into the crisper (5) depending on the data received from the sensor (8); a water receptacle (12) which is positioned in the humidifier (11); a piezoelectric member (9) which receives the water in the water receptacle (12); and a piezocontrol unit (10) which enables the water contacting the piezoelectric member (9) to be vibrated at the desired frequency.

IPC 8 full level

**F25D 23/04** (2006.01); **F25D 17/04** (2006.01)

CPC (source: EP)

**F25D 17/042** (2013.01); **F25D 23/04** (2013.01); **F25D 2317/04131** (2013.01)

Citation (applicant)

- DE 102013225716 A1 20150618 - BSH HAUSGERAETE GMBH [DE]
- CN 108224879 A 20180629 - BSH ELECTRICAL APPLIANCES JIANGSU CO LTD, et al

Citation (search report)

- [I] KR 20000026881 A 20000515 - DAEWOO ELECTRONICS CO LTD
- [A] US 2011233289 A1 20110929 - BORTOLETTO ANDERSON [US], et al
- [A] JP S6396469 A 19880427 - MITSUBISHI ELECTRIC CORP

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3842713 A1 20210630**; **EP 3842713 B1 20230906**; PL 3842713 T3 20240226

DOCDB simple family (application)

**EP 20210256 A 20201127**; PL 20210256 T 20201127