

Title (en)

WATER OUTLET MECHANISM AND REFRIGERATOR HAVING A WATER OUTLET MECHANISM

Title (de)

WASSERAUSLASSMECHANISMUS UND KÜHLSCHRANK MIT EINEM WASSERAUSLASSMECHANISMUS

Title (fr)

MÉCANISME DE SORTIE D'EAU ET RÉFRIGÉRATEUR PRÉSENTANT UN MÉCANISME DE SORTIE D'EAU

Publication

EP 3961133 B1 20230802 (EN)

Application

EP 19925808 A 20191015

Priority

- CN 201910342557 A 20190426
- CN 2019111177 W 20191015

Abstract (en)

[origin: EP3961133A1] The present invention discloses a water outlet mechanism and a refrigerator having the same. In the water outlet mechanism, the support abutting against the sealing ring is disposed; in the case that it is ensured that the check valve can be mounted in the spout inner tube, at least partial space between the sealing ring and the check valve is filled by the support, the area of the supporting surface of the sealing ring is increased, and the sealing ring is not prone to deviate from its fitting position, thereby solving the phenomenon of water overflow caused by incomplete sealing of the sealing ring.

IPC 8 full level

F25D 23/12 (2006.01); **A47J 31/46** (2006.01); **B67D 1/12** (2006.01); **B67D 3/00** (2006.01); **B67D 3/02** (2006.01); **F16L 19/075** (2006.01); **F16L 47/04** (2006.01)

CPC (source: CN EP)

B67D 1/124 (2013.01 - EP); **B67D 1/1277** (2013.01 - EP); **B67D 3/0009** (2013.01 - EP); **B67D 3/0025** (2013.01 - EP); **B67D 3/02** (2013.01 - EP); **F25D 11/00** (2013.01 - CN); **F25D 23/12** (2013.01 - CN); **F25D 23/126** (2013.01 - EP); **B67D 2210/00036** (2013.01 - EP)

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)

EP 3961133 A1 20220302; **EP 3961133 A4 20220608**; **EP 3961133 B1 20230802**; AU 2019442261 A1 20211118; AU 2019442261 B2 20221215; CN 111854259 A 20201030; CN 111854259 B 20210921; WO 2020215623 A1 20201029

DOCDB simple family (application)

EP 19925808 A 20191015; AU 2019442261 A 20191015; CN 201910342557 A 20190426; CN 2019111177 W 20191015