

Title (en)
WATER TANK ASSEMBLY AND REFRIGERATOR

Title (de)
WASSERKASTENANORDNUNG UND KÜHLSCHRANK

Title (fr)
ENSEMBLE RÉSERVOIR D'EAU ET RÉFRIGÉRATEUR

Publication
EP 3842715 B1 20230816 (EN)

Application
EP 19864793 A 20190411

Priority
• CN 201811150015 A 20180929
• CN 2019082186 W 20190411

Abstract (en)
[origin: EP3842715A1] Disclosed are a water tank assembly and a refrigerator. A water storage box (3) is used for storing water; and when cool water or cold water is needed, a user can fasten an opening of the water storage box (3) with a box cover (2), so that a closed water storage space is formed in the water storage box (3), and the cool water and cold water can flow out of a water outlet (7) for drinking. In this case, a fence (5) is rotated above the water storage box (3), and the fence (5) and the box cover (2) under same form a space for an article to be placed in, wherein the box cover (2) is the bottom, and the fence (5) encloses the article from the periphery to limit the article. In addition, when the user does not require cool water or cold water, the water storage box (3) is empty, and the fence (5) is rotated to a side face (for example, a front side) or below the water storage box (3); the fence (5) and a side wall or a bottom wall of the water storage box (3) enclose a box cover placement space, and the box cover (2) is taken down from the water storage box (3) to be placed in the box cover placement space; and the water storage box (3) itself can be used for storing articles. Therefore, a multi-functional water tank assembly is formed, wherein same has multiple functions for storing articles and storing water, improving the functional diversity of a refrigerator, and effectively using the space in the refrigerator.

IPC 8 full level
F25D 23/04 (2006.01); **F25D 23/12** (2006.01); **F25D 25/02** (2006.01)

CPC (source: CN EP)
F25D 23/00 (2013.01 - CN); **F25D 23/04** (2013.01 - EP); **F25D 23/126** (2013.01 - EP); **F25D 2323/122** (2013.01 - EP);
F25D 2325/021 (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 3842715 A1 20210630; EP 3842715 A4 20211117; EP 3842715 B1 20230816; CN 109269207 A 20190125; CN 109269207 B 20201009;
PH 12021550461 A1 20211206; WO 2020062833 A1 20200402

DOCDB simple family (application)
EP 19864793 A 20190411; CN 201811150015 A 20180929; CN 2019082186 W 20190411; PH 12021550461 A 20210304