

Title (en)  
REFRIGERATOR

Title (de)  
KÜHLSCHRANK

Title (fr)  
RÉFRIGÉRATEUR

Publication  
**EP 4293304 A1 20231220 (EN)**

Application  
**EP 21925742 A 20210826**

Priority  
• JP 2021021704 A 20210215  
• JP 2021024799 A 20210219  
• JP 2021031317 W 20210826

Abstract (en)  
To provide a refrigerator having a reduced filling amount of a foam heat-insulating material while the strength of the box is maintained. The refrigerator according to the present invention includes a box that forms a storage compartment having an opening front, includes an area between an inner box and an outer box which area is foam-filled with a foam heat-insulating material, and has an up-down dimension which is greater than a left-right dimension, in which a left surface and/or a right surface of the box have or has a front end(s) including a front-end heat-insulating material foam-filled with the foam heat-insulating material continuously in an up-down direction; have or has an area(s) where an area(s) having a flow-permitting thickness for a foam heat-insulating material which is smaller than those of surrounding areas; and include(s) another heat-insulating material that provides heat insulation performance higher than that of the foam heat-insulating material.

IPC 8 full level  
**F25D 23/06** (2006.01); **F25D 23/08** (2006.01)

CPC (source: EP)  
**F25D 23/064** (2013.01); **F25D 2201/126** (2013.01)

Citation (search report)  
See references of WO 2022172494A1

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4293304 A1 20231220**; CN 116235012 A 20230606; WO 2022172494 A1 20220818

DOCDB simple family (application)  
**EP 21925742 A 20210826**; CN 202180058902 A 20210826; JP 2021031317 W 20210826