

Title (en)
REFRIGERATOR

Title (de)
KÜHLSCHRANK

Title (fr)
RÉFRIGÉRATEUR

Publication
EP 3772625 A1 20210210 (EN)

Application
EP 19190037 A 20190805

Priority
EP 19190037 A 20190805

Abstract (en)
A household refrigerator appliance (100) comprises a cabinet (110), a refrigerator cavity (111) formed inside said cabinet (110) and a crisper compartment (114) formed in said refrigerator cavity (111). A humidity control device (120) is operably associated with the crisper compartment (114). The humidity control device (120) is a knob mounted on a hole allowing fluid communication between the refrigerator cavity (111) and the crisper compartment (114). The knob has an outer ring (121) surrounding a cap (122), said ring (121) and said cap (122) being movable relative to each other in an axial direction between a closed position, where they engage each other to form a seal against passage of fluids, and an open position, where they are spaced apart in the axial direction, thereby selectively allowing a flow of fluids between the refrigerator cavity (111) and the crisper compartment (114).

IPC 8 full level
F25D 17/04 (2006.01)

CPC (source: EP)
F25D 17/045 (2013.01)

Citation (applicant)
• KR 20090133008 A 20091231 - LG ELECTRONICS INC [KR]
• KR 20100004264 A 20100113 - LG ELECTRONICS INC [KR]
• US 10260799 B2 20190416 - BECKE CHRISTOPH [DE], et al
• US 2018187966 A1 20180705 - LEE JAE BOK [KR], et al

Citation (search report)
• [AD] US 10260799 B2 20190416 - BECKE CHRISTOPH [DE], et al
• [A] WO 2009054681 A2 20090430 - LG ELECTRONICS INC [KR], et al
• [A] EP 3163228 A1 20170503 - BSH HAUSGERAETE GMBH [DE]
• [A] WO 2015082277 A1 20150611 - BSH HAUSGERAETE GMBH [DE]

Cited by
US11268750B1

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 3772625 A1 20210210; EP 3772625 B1 20231004

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