

Title (en)
GASKET SYSTEM FOR A REFRIGERATOR

Title (de)
DICHTUNGSSYSTEM FÜR EINEN KÜHLSCHRANK

Title (fr)
SYSTÈME DE JOINT D'ÉTANCHÉITÉ POUR UN RÉFRIGÉRATEUR

Publication
EP 4249835 A1 20230927 (EN)

Application
EP 22163593 A 20220322

Priority
EP 22163593 A 20220322

Abstract (en)
A gasket system 200 for providing a reversible seal between a first surface and a second surface of a refrigerator unit is disclosed. The first surface is moveable relative to the second surface. The gasket system comprises: a bellow 230 comprising an inner end and a distal end; a magnet 240 disposed on the distal end of the bellow; and a bracket 250 for attaching the bellow to the first surface or the second surface. The bracket 250 comprises an open ended cavity 251; and the inner end of the bellow 230 is arranged to be connected to the inner surface of the cavity of the bracket 250 opposite the open end of the cavity. When the bellow 230 is connected to the bracket 250, the bellow is movable between a stowed position and a sealing position. In the stowed position the bellow 230 is retracted so as to be disposed completely within the cavity 251 of the bracket 250, and in the sealing position the bellow extends from the cavity 251. The bellow 230 is resiliently biased towards the stowed position.

IPC 8 full level
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CPC (source: EP)
A47F 3/043 (2013.01); **F25D 23/087** (2013.01); **F25D 23/028** (2013.01)

Citation (search report)
• [YA] US 2019274451 A1 20190912 - TWOHY RAYMOND P [US], et al
• [Y] US 5975661 A 19991102 - JEZIOROWSKI LES [CA], et al
• [Y] US 3221375 A 19651207 - LEWIS JAMES C, et al
• [Y] DE 102016203323 A1 20170907 - BSH HAUSGERAETE GMBH [DE]
• [A] DE 69506206 T2 19990506 - RONDA EUROPA SPA [IT]

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (application)
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