

Title (en)
Sealing lid

Title (de)
Verschlussdeckel

Title (fr)
Couvercle de fermeture

Publication
EP 1336572 A1 20030820 (EN)

Application
EP 02380104 A 20020522

Priority
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• ES 200201035 A 20020414

Abstract (en)
It comprises a substantially elastic lid (2) of silicone and a substantially rigid base (3), and includes hermetic sealing means between the lid (2) and the base (3), characterized in that said hermetic sealing means include two sealing devices, an inner device with regard to the base (3), which performs the sealing when the lid (2) expands due to the heating of the receptacle and an outer device with regard to the base (3) which performs the sealing when the lid (2) shrinks due to the cooling of the receptacle. In this way, the hermeticity between the lid (2) and the base (3) inside a conventional or microwave oven and freezer or refrigerator is achieved. <IMAGE>

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IPC 8 full level
B65D 43/02 (2006.01); **B65D 43/04** (2006.01); **B65D 81/34** (2006.01)

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• [Y] US 3559843 A 19710202 - KERN EGON
• [YD] DE 20019325 U1 20010322 - LEKUE S L [ES]
• [Y] CH 491014 A 19700531 - SCHMALBACH LUBECA [DE]
• [A] DE 3703875 A1 19880818 - FISCHBACH A KG [DE]
• [A] US 3380610 A 19680430 - KRIEPS FRANK J

Cited by
FR2941141A1; EP1666368A1; CN100361877C; FR2942777A1; EP2735524A1; FR2998553A1; US8746500B2; US9027776B2; WO2010084266A1; WO2010100387A3

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