

Title (en)

Device for closing the cavity opening of a household appliance

Title (de)

Vorrichtung zum Verschliessen der Zugangsöffnung eines Innenraums eines Haushaltsgeräts

Title (fr)

Dispositif pour la fermeture de l'orifice d'enceinte d'un appareil ménager

Publication

EP 1548367 B1 20101013 (DE)

Application

EP 04026991 A 20041112

Priority

DE 10360384 A 20031222

Abstract (en)

[origin: EP1548367A2] The two door hinges are mounted at the bottom corners of a door which stands up vertically when closed and lies in a horizontal position when open. Each fixed hinge band (3) is of inverted U-section and is fastened to the frame of the cooker or freezer. The fixed hinge band contains coil springs under tension, arranged to compensate for the weight of the door as it is opened. The sides (30) contain threaded bushes (33,34) and a slit parallel to its long axis. Each movable hinge band (4) is a thin blade hinged (6) to the end of the fixed band and has a stop (7) to limit the swiveling motion.

IPC 8 full level

F24C 15/02 (2006.01)

CPC (source: EP)

F24C 15/023 (2013.01); **E05F 1/1276** (2013.01); **E05Y 2900/308** (2013.01)

Citation (examination)

EP 1106932 A2 20010613 - AEG HAUSGERAETE GMBH [DE]

Cited by

EP2341292A1; CN102667347A; US9074777B2; WO2011080178A1; EP1764558B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1548367 A2 20050629; **EP 1548367 A3 20081224**; **EP 1548367 B1 20101013**; AT E484714 T1 20101015; DE 10360384 A1 20050728; DE 502004011771 D1 20101125; PL 1548367 T3 20110429

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