

Title (en)

Food package having a venting valve and method for preparing such food

Title (de)

Lebensmittelverpackung mit Ventil und Zubereitungsverfahren für Lebensmittel

Title (fr)

Emballage pour produits alimentaires, ayant une soupape de surpression et méthode pour la préparation de ces produits

Publication

EP 1076012 B1 20040922 (DE)

Application

EP 00810671 A 20000727

Priority

CH 145799 A 19990809

Abstract (en)

[origin: US6380524B1] The microwavable shipping and/or retail package described here for heating food includes a material suitable for use in a microwave oven. The food disposed in the package is preferably at least partially raw. Taking into account the water content of the food, enough liquid is present in the package for the food to be cooked in a steam atmosphere which develops in the package when heated in a microwave oven. The package has a one-way valve in a wall, which opens automatically to the outside when there is an internal excess pressure, then closes again automatically after the pressure drops, thus limiting and/or reducing the vapor pressure that develops in the package during heating in a microwave oven. The valve membrane may automatically open and automatically close until the membrane deforms during heating, thereby causing said valve to remain open.

IPC 1-7

B65D 77/22; **B65D 81/34**

IPC 8 full level

A23L 5/10 (2016.01); **B65D 77/22** (2006.01); **B65D 81/34** (2006.01)

CPC (source: EP US)

B65D 77/225 (2013.01 - EP US); **B65D 81/3453** (2013.01 - EP US); **B65D 2205/00** (2013.01 - EP US); **Y10S 99/14** (2013.01 - EP US)

Cited by

WO2010096939A1; WO2006084402A1; CH700481A1; GB2569999A; US10155602B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6380524 B1 20020430; AT E276936 T1 20041015; BR 0003459 A 20010320; CA 2314951 A1 20010209; CA 2314951 C 20070605; DE 29918753 U1 20000217; DE 50007857 D1 20041028; DK 1076012 T3 20050131; EP 1076012 A1 20010214; EP 1076012 B1 20040922; ES 2230051 T3 20050501; JP 2001072143 A 20010321; JP 4248737 B2 20090402; NL 1013985 C1 20000128

DOCDB simple family (application)

US 63519700 A 20000809; AT 00810671 T 20000727; BR 0003459 A 20000809; CA 2314951 A 20000803; DE 29918753 U 19991025; DE 50007857 T 20000727; DK 00810671 T 20000727; EP 00810671 A 20000727; ES 00810671 T 20000727; JP 2000238568 A 20000807; NL 1013985 A 19991229