

Title (en)

EASILY EXPANDABLE, NONTRAPPING, FLEXIBLE PAPER, MICROWAVE PACKAGE

Title (de)

AUSDEHNBARE PAPIERVERPACKUNG FÜR MIKROWELLENÖFEN

Title (fr)

EMBALLAGE EN PAPIER FLEXIBLE, FACILEMENT EXTENSIBLE ET SANS PLIS DE PIEGEAGE POUR MICRO-ONDES

Publication

EP 1047614 B1 20051207 (EN)

Application

EP 98953628 A 19981016

Priority

- US 9821912 W 19981016
- US 95424497 A 19971020
- US 9059098 A 19980522

Abstract (en)

[origin: WO9920542A1] A flexible paper popcorn package in the form of an easily expandable, nontrapping bag (18) is disclosed including a bottom wall (20) and a top wall (22) interconnected together adjacent their circular outer peripheries (20a, 22a) by first and second interconnection portions (26a, 26b). In one preferred form, the top wall (22) is formed by first and second wall portions (22b, 22c) interconnected together by a peelable closure seal (28). In another preferred form, the top wall (22) is formed from a first portion (22d) having an access opening closed by a closure portion (22e) interconnected by a seal (40) including the peelable closure seal portion (40a) to the first portion (22d). In still another preferred form, the bottom and top walls (20, 22) are interconnected together by their interconnection to gusseted side panels (50, 52), with the peelable closure seal being formed in the interconnection between the bottom and top walls (20, 22). The bottom and top walls (20, 22) expand into an opposing double domed shape as the popcorn kernels are being popped in the microwave oven. This domed shape of the bottom wall (22) keeps the unpopped popcorn huddled closer together and enhances the bag (18) to rock to maximize gravimetric separation. The bag (18) provides a serving bowl function when the peelable closure seal has been opened providing access to the interior of the bag (18) and specifically to the popped popcorn located therein.

IPC 1-7

B65D 81/34; **B65D 75/28**

IPC 8 full level

B65D 75/28 (2006.01); **B65D 81/34** (2006.01)

CPC (source: EP)

B65D 75/28 (2013.01); **B65D 81/3469** (2013.01); **B65D 2581/3421** (2013.01); **B65D 2581/3445** (2013.01); **B65D 2581/3494** (2013.01)

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)

WO 9920542 A1 19990429; AT E312025 T1 20051215; AU 1095699 A 19990510; AU 749483 B2 20020627; BR 9804406 A 19991109; CN 1113027 C 20030702; CN 1282302 A 20010131; DE 69832726 D1 20060112; EP 1047614 A1 20001102; EP 1047614 B1 20051207; HK 1032943 A1 20010810

DOCDB simple family (application)

US 9821912 W 19981016; AT 98953628 T 19981016; AU 1095699 A 19981016; BR 9804406 A 19981020; CN 98812457 A 19981016; DE 69832726 T 19981016; EP 98953628 A 19981016; HK 01102886 A 20010423