

Title (en)

Microwavable packaging container

Title (de)

Für Mikrowellenbeheizung geeignete Verpackung

Title (fr)

Emballage pour le chauffage à micro-ondes

Publication

EP 1757535 A3 20070314 (EN)

Application

EP 06125724 A 20041119

Priority

- JP 2004017278 W 20041119
- JP 2003399237 A 20031128
- JP 2004290168 A 20041001

Abstract (en)

[origin: EP1693313A1] A packaging container for a microwave oven, by which the fact that heating of the container content has been completed and the container has been automatically opened can be easily recognized. This can be achieved without requiring a special member and complex steps, but by processing wrapping materials constructing the packaging container such as a packaging bag, cup, tray, etc. Also provided is a packaging container for a microwave oven, where danger, including spilling of the content of the container and burning by touching an opening section occurring in heating by a microwave oven, can be avoided. Further provided is a packaging container for a microwave oven, sealed by heat-sealing plastic films and having a steam vent seal section having a weakened section. The steam vent seal section has mark emerging means, where, when the steam vent seal section is separated and opened, the means shows different surface- and back face-wrapping materials constituting the steam vent seal section, enabling the recognition of the opening.

IPC 8 full level

B65D 81/34 (2006.01); **B65D 33/00** (2006.01); **B65D 33/01** (2006.01); **B65D 77/22** (2006.01); **B65D 75/00** (2006.01)

CPC (source: EP KR US)

B65D 33/00 (2013.01 - KR); **B65D 77/22** (2013.01 - KR); **B65D 77/225** (2013.01 - EP US); **B65D 81/34** (2013.01 - KR); **B65D 81/3461** (2013.01 - EP US); **B65D 75/008** (2013.01 - EP US); **B65D 2205/00** (2013.01 - EP US); **B65D 2581/3436** (2013.01 - EP US)

Citation (search report)

- [A] EP 0541093 A1 19930512 - TOYO ALUMINIUM KK [JP]
- [A] FR 2796047 A1 20010112 - DANISCO FLEXIBLE FRANCE [FR]
- [A] GB 2358175 A 20010718 - PIGEON CORP [JP]
- [A] DE 19860473 A1 20000629 - HAGMANN MASCHINENBAU AG SELZAC [CH]
- [A] EP 0516276 A2 19921202 - JAMES RIVER PAPER CO [US]
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Designated contracting state (EPC)

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

Designated extension state (EPC)

AL HR LT LV MK YU

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EP 1693313 A1 20060823; **EP 1693313 A4 20070228**; **EP 1693313 B1 20170830**; **EP 1693313 B8 20171011**; AU 2004293278 A1 20050609; AU 2004293278 B2 20100603; DE 602004012898 D1 20080515; DE 602004012898 T2 20090402; EP 1757535 A2 20070228; EP 1757535 A3 20070314; EP 1757535 B1 20080402; JP 2005178903 A 20050707; JP 4569249 B2 20101027; KR 100986599 B1 20101011; KR 100986600 B1 20101011; KR 20060105804 A 20061011; KR 20060135970 A 20061229; US 2007110856 A1 20070517; WO 2005051800 A1 20050609

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EP 04819333 A 20041119; AU 2004293278 A 20041119; DE 602004012898 T 20041119; EP 06125724 A 20041119; JP 2004017278 W 20041119; JP 2004290168 A 20041001; KR 20067012941 A 20041119; KR 20067026121 A 20041119; US 58083104 A 20041119