

Title (en)

COMPOSITE SHEET STOCK FOR MICROWAVE HEATING AND RECEPTACLE

Publication

**EP 0350660 A3 19920102 (EN)**

Application

**EP 89111096 A 19890619**

Priority

- US 21820588 A 19880713
- US 23960088 A 19880901

Abstract (en)

[origin: EP0350660A2] A composite sheet stock for microwave heating comprises a susceptor sheet (30) having a dielectric support layer (36), a heater layer (34) of microwave interactive material and a heat-conducting microwave reflecting layer (130). A receptacle with a self-supporting configuration for combined microwave baking and cooking of a food article, such as pizza, is constructed from susceptor stock and comprises an outwardly exposed, dielectric support layer, such as paperboard, and an inwardly facing heater layer and includes a lower flat portion for supporting the food article during heating. The lower portion may be a layer of composite stock as above or it may be formed from at least two layers of susceptor stock without a heat-conducting layer. The lower portion of the food product is, thus, heated primarily by conduction, while the upper portion is heated by combined radiation from the susceptor sheet and absorption of microwaves passing through the susceptor sheet. The receptacle may be collapsible.

IPC 1-7

**H05B 6/64**

IPC 8 full level

**A47J 36/02** (2006.01); **B32B 7/02** (2006.01); **B65D 1/00** (2006.01); **B65D 65/40** (2006.01); **B65D 81/34** (2006.01)

CPC (source: EP)

**B65D 81/3453** (2013.01); **B65D 2581/3406** (2013.01); **B65D 2581/3452** (2013.01); **B65D 2581/3472** (2013.01); **B65D 2581/3489** (2013.01); **B65D 2581/3494** (2013.01)

Citation (search report)

- [A] EP 0242026 A2 19871021 - JAMES RIVER CORP [US]
- [AP] EP 0312333 A2 19890419 - MINNESOTA MINING & MFG [US]
- [A] EP 0251445 A2 19880107 - INT PAPER CO [US]
- [A] US 4592914 A 19860603 - KUCHENBECKER MORRIS W [US]
- [A] EP 0234985 A1 19870902 - BREGER GUY

Cited by

EP0365247A3; EP0486051A1; EP0442333A3; EP0875468A1; EP0471969A1; EP0451530A3; AU636465B2; EP1481922A3; EP0938846A1; US6139885A; US8993947B2; US8696854B2; US6486455B1; WO2008098156A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0350660 A2 19900117**; **EP 0350660 A3 19920102**; AU 3672489 A 19900118; AU 614853 B2 19910912; DK 345389 A 19900114; DK 345389 D0 19890712; FI 893014 A0 19890620; FI 893014 A 19900114; JP H02117823 A 19900502; NO 892832 D0 19890707; NO 892832 L 19900115; NZ 229668 A 19910226; PT 91134 A 19900208; PT 91134 B 19940831

DOCDB simple family (application)

**EP 89111096 A 19890619**; AU 3672489 A 19890621; DK 345389 A 19890712; FI 893014 A 19890620; JP 18014589 A 19890712; NO 892832 A 19890707; NZ 22966889 A 19890622; PT 9113489 A 19890712