

Title (en)  
MICROWAVE PACKAGE HAVING A MICROWAVE FIELD MODIFIER OF DISCRETE ELECTRICALLY CONDUCTIVE ELEMENTS DISPOSED THEREON.

Title (de)  
MIKROWELLENVERPACKUNG MIT ELEKTRISCH LEITENDEN ELEMENTEN, DIE DAS MIKROWELLENFELD MODIFIZIEREN.

Title (fr)  
EMBALLAGE MICRO-ONDES COMPORTANT UN MODIFICATEUR DE CHAMP DE MICRO-ONDES CONSTITUE D'ELEMENTS ELECTROCONDUCTEURS DISCRETS.

Publication  
**EP 0543956 B1 19951206 (EN)**

Application  
**EP 92902560 A 19910729**

Priority  
• US 56810190 A 19900816  
• US 61433790 A 19901115  
• US 9105336 W 19910729

Abstract (en)  
[origin: WO9203358A2] A container such as, for example, a disposable carton or package, for use in microwave oven heating, cooking or baking of material (e.g., food) disposed in the container or in the package. Such a container may comprise, in combination, substantially microwave transparent wall portions, and at least one wall zone having a microwave field modifying coating thereon which is disposed to form an array of discrete, electrically conductive pattern elements. Preferably, the microwave field modifying coating material is pattern applied by printing; and, most preferably, by gravure printing. Different wall zones of the container may have the same or different microwave field modifying coating materials applied thereto in different patterns or arrays. Different patterns or arrays may be configured and coated to achieve different combinations of microwave reflectance, absorbance, and transmittance properties from zone to zone to achieve the desired degree of uniformity or asymmetry of the microwave field in a microwave oven to achieve desired heating, cooking, or baking for various contents of the container.

IPC 1-7  
**B65D 81/34**; **H05B 6/64**

IPC 8 full level  
**B65D 81/34** (2006.01); **F24C 7/02** (2006.01); **H05B 6/64** (2006.01); **H05B 6/74** (2006.01)

CPC (source: EP)  
**B65D 81/3453** (2013.01); **B65D 2581/344** (2013.01); **B65D 2581/3464** (2013.01); **B65D 2581/3479** (2013.01); **B65D 2581/3487** (2013.01)

Cited by  
US10004115B2; US10426000B2; US10863593B2

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**WO 9203358 A2 19920305**; **WO 9203358 A3 19920430**; AT E131128 T1 19951215; AU 662301 B2 19950831; AU 8911991 A 19920317; CA 2048364 A1 19920217; DE 69115279 D1 19960118; DE 69115279 T2 19960515; DK 0543956 T3 19960108; EP 0543956 A1 19930602; EP 0543956 B1 19951206; ES 2089494 T3 19961001; GR 3018576 T3 19960331; JP H06500521 A 19940120; MX 9100668 A 19920401; NZ 239398 A 19950427

DOCDB simple family (application)  
**US 9105336 W 19910729**; AT 92902560 T 19910729; AU 8911991 A 19910729; CA 2048364 A 19910802; DE 69115279 T 19910729; DK 92902560 T 19910729; EP 92902560 A 19910729; ES 92902560 T 19910729; GR 950403715 T 19951229; JP 50061692 A 19910729; MX 9100668 A 19910814; NZ 23939891 A 19910815