

Title (en)
MICROWAVE CONTAINER AND METHOD OF USING SAME

Publication
EP 0271981 A3 19881130 (EN)

Application
EP 87309398 A 19871023

Priority
• CA 508812 A 19860509
• US 94356386 A 19861218

Abstract (en)
[origin: EP0271981A2] A container for holding a body (160) of material such as foodstuff to be heated in a microwave oven, including a dielectric lid (161) and/or other dielectric wall structure with at least two contiguous dielectric wall portions (166,168) of respectively different electrical thickness for co-operatively modifying the microwave electric field patterns that would obtain in the body during such heating if the lid and/or other dielectric wall structure were of uniform electrical thickness or were absent. At least one of the portions, preferably the portion of higher electrical thickness, may be so constituted as to undergo a change in dielectric constant during the microwave heating, thereby to alter the heating distribution in the body as heating proceeds.

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B65D 81/34; H05B 6/64

IPC 8 full level
A47J 27/00 (2006.01); **B65D 81/34** (2006.01)

CPC (source: EP)
B65D 81/3453 (2013.01); **B65D 2581/3441** (2013.01); **B65D 2581/3472** (2013.01); **B65D 2581/3487** (2013.01); **B65D 2581/3489** (2013.01)

Citation (search report)
• [XPD] EP 0206811 A2 19861230 - ALCAN INT LTD [CA]
• [X] EP 0161739 A2 19851121 - ALCAN INT LTD [CA]
• [A] GB 1593523 A 19810715 - METAL BOX CO LTD
• [A] US 4230924 A 19801028 - BRASTAD WILLIAM A, et al

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EP0382399A3; US5906141A; US4992638A; EP0348156A3; EP0650905A3; FR2813583A1; GB2382967A; ES2237324A1; GB2382967B; US7482560B2; US6852958B2; WO2006017735A1; WO0218231A3

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