

Title (en)
Microwave-proof oven lamp.

Title (de)
Mikrowellendichte Herdleuchte.

Title (fr)
Lampe pour four, étanche aux micro-ondes.

Publication
EP 0310741 B1 19940720 (DE)

Application
EP 88104409 A 19880319

Priority
DE 8713264 U 19871002

Abstract (en)
[origin: EP0310741A2] A perforated screening component (50) that surrounds the lamp (4) serving as light source is installed in galvanic contact with a metallic housing (2) having a cap wall (30) penetrated by a lamp cap (3). The screening component (50) consists of a sleeve-shaped metal cage (51) open on both sides and a metal flange (52) on the cap side. The latter (52) is combined with the cap wall (30) of the housing, which retains the cap (3), to form a double-walled component. The screw axis (13) of the lamp (4) extends essentially parallel to the plane of the coupling flange (7) of the housing. The double-walled nature of the metallic boundary of the housing on the cap side effects a microwave-proof sealing of the oven lamp in conjunction with an extremely shallow depth of installation and a low overall volume. <IMAGE>

IPC 1-7
F21S 1/02; **F24C 15/00**

IPC 8 full level
F21S 8/00 (2006.01); **F24C 15/00** (2006.01); **H05B 6/80** (2006.01)

CPC (source: EP)
F24C 15/008 (2013.01); **H05B 6/6444** (2013.01); **H05B 6/766** (2013.01); **F21W 2131/307** (2013.01)

Cited by
DE4003736A1; FR2933769A1; EP0454969A3; DE4018697A1; DE4304522A1; DE4345353C2; GB2468827A; GB2468827B; US8375848B2; US8752538B2; US8151697B2; WO2009091638A3

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

DOCDB simple family (publication)
EP 0310741 A2 19890412; **EP 0310741 A3 19891220**; **EP 0310741 B1 19940720**; AT E108880 T1 19940815; DE 3850733 D1 19940825; DE 8713264 U1 19871203

DOCDB simple family (application)
EP 88104409 A 19880319; AT 88104409 T 19880319; DE 3850733 T 19880319; DE 8713264 U 19871002