

Title (en)
MICROWAVE HEATER

Title (de)
MIKROWELLENHEIZUNGSANLAGE

Title (fr)
DISPOSITIF DE CHAUFFAGE A MICRO-ONDES

Publication
EP 0838637 B1 20030423 (EN)

Application
EP 96918885 A 19960624

Priority
• JP 9601736 W 19960624
• JP 15588695 A 19950622
• JP 15588795 A 19950622
• JP 15588895 A 19950622
• JP 15588995 A 19950622
• JP 15589095 A 19950622

Abstract (en)
[origin: WO9701065A1] A microwave heater adapted to heat various kinds of materials while maintaining the good quality thereof by employing a means for controlling the environment in which the materials to be heated are placed. The heater has a structure provided with a heating chamber for holding a material to be heated therein, a microwave generating means for applying microwaves to the material to be heated, a vapor generating means for supplying vapor to the heating chamber, and a control means for controlling the microwave generating means and vapor generating means so that the temperature of the inner portion of the material being heated and that of the outer surface thereof substantially agree with each other.

IPC 1-7
F24C 7/02

IPC 8 full level
H05B 6/68 (2006.01); **H05B 6/80** (2006.01)

CPC (source: EP KR)
F24C 7/08 (2013.01 - KR); **H05B 6/6426** (2013.01 - EP); **H05B 6/6458** (2013.01 - EP); **H05B 6/6479** (2013.01 - EP); **H05B 6/802** (2013.01 - EP)

Cited by
EP2144481A1; CN100436946C; EP2103878A1; US7528353B2; WO2009027304A1; EP2136604A1

Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
EP 0838637 A1 19980429; EP 0838637 A4 19980923; EP 0838637 B1 20030423; AU 6138296 A 19970122; BR 9608678 A 19990706; CN 1109850 C 20030528; CN 1188534 A 19980722; DE 69627662 D1 20030528; DE 69627662 T2 20040205; HU P9900644 A2 19990728; IN 190221 B 20030705; KR 19990028288 A 19990415; MX 9710355 A 19980731; NO 975979 D0 19971219; NO 975979 L 19980213; PL 324196 A1 19980511; TW 308777 B 19970621; WO 9701065 A1 19970109

DOCDB simple family (application)
EP 96918885 A 19960624; AU 6138296 A 19960624; BR 9608678 A 19960624; CN 96194931 A 19960624; DE 69627662 T 19960624; HU P9900644 A 19960624; IN 1149CA1996 A 19960620; JP 9601736 W 19960624; KR 19970709602 A 19971222; MX 9710355 A 19971218; NO 975979 A 19971219; PL 32419696 A 19960624; TW 85107898 A 19960629