

Title (en)

High mode microwave resonator for thermal processing

Title (de)

Hochmodiger Mikrowellen-resonator zur thermischen Prozessierung

Title (fr)

Résonateur micro-ondes à hyperfréquences destiné à un traitement thermique

Publication

EP 1494506 A3 20080123 (DE)

Application

EP 04007895 A 20040401

Priority

DE 10329412 A 20030701

Abstract (en)

[origin: EP1494506A2] The aluminum chamber has a wide floor section with elongated parallel resonance unit along each side and two microwave generators whose radiation is reflected off the other four sides of the chamber to provide a uniform pattern. A perforated door allows access.

IPC 8 full level

H05B 6/80 (2006.01)

CPC (source: EP)

H05B 6/6402 (2013.01); **H05B 2206/044** (2013.01)

Citation (search report)

- [A] US 4908486 A 19900313 - FRY ALLAN R [AU]
- [A] US 6462320 B1 20021008 - FULS PAUL FRITZ [ZA], et al
- [A] US 4631380 A 19861223 - TRAN VAN N [AU]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

EP 1494506 A2 20050105; EP 1494506 A3 20080123; EP 1494506 B1 20100714; AT E474437 T1 20100715; DE 10329412 A1 20050203; DE 10329412 B4 20050922; DE 502004011386 D1 20100826; ES 2348391 T3 20101203

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