

Title (en)

HEATING CELL, HEATER USING SAME, HEATING SYSTEM AND USE THEREOF

Title (de)

WÄRMEZELLE, HEIZER DAMIT, HEIZSYSTEM UND VERWENDUNG DAVON

Title (fr)

CELLULE CHAUFFANTE, APPAREIL DE CHAUFFAGE UTILISANT CELLE-CI, SYSTÈME DE CHAUFFAGE ET UTILISATION DE CE DERNIER

Publication

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Application

EP 15846187 A 20150930

Priority

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- ES 2015070712 W 20150930

Abstract (en)

[origin: EP3133348A1] The present invention details a solution to the problem of transforming, with high efficiency, microwave energy into heat by means of heating units in the form of low-power heating cells that allow microwave energy to be propagated along transverse electromagnetic mode electrical transmission lines to ceramic materials with high dielectric loss in the microwave region. Said low-power heating cells are integrated in a heating unit. The set of heating units form a heating system with microwave energy that uses an electric low-power line.

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

GB 2502665 A 20131204 - ROTFIL SRL [IT]

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US11638344B1

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