

Title (en)
HIGH FREQUENCY HEATING DEVICE

Title (de)
VORRICHTUNG ZUR HOCHFREQUENZERWÄRMUNG

Title (fr)
DISPOSITIF DE CHAUFFAGE HAUTE FRÉQUENCE

Publication
EP 3435739 B1 20210707 (EN)

Application
EP 17769844 A 20170302

Priority
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• JP 2017008212 W 20170302

Abstract (en)
[origin: EP3435739A1] A high frequency heating device according to the present disclosure includes: a heating chamber having an opening; an opening peripheral portion provided at a peripheral edge of the opening; a high frequency wave generation unit that supplies high frequency waves to the heating chamber; and a door that covers the opening in an openable manner and has a radio wave shielding portion at a position facing the opening peripheral portion. The radio wave shielding portion is provided with an open hole provided so as to face the opening peripheral portion, and a choke groove formed from a plurality of conductors. The choke groove has a first resonance space having a first resonance frequency, and a second resonance space having a second resonance frequency different from the first resonance frequency. Accordingly, radio wave shielding performance can be improved.

IPC 8 full level
H05B 6/76 (2006.01); **F24C 7/02** (2006.01)

CPC (source: EP)
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