

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  
• JP 2016061028 A 20160325  
• 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  
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CPC (source: EP)  
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