

Title (en)
High frequency heating apparatus.

Title (de)
Hochfrequenzheizapparat.

Title (fr)
Appareil de chauffage à haute fréquence.

Publication
EP 0468640 A1 19920129 (EN)

Application
EP 91305691 A 19910624

Priority
JP 19582290 A 19900724

Abstract (en)
A high frequency heating apparatus such as microwave ovens includes an outer casing (1), a heating chamber (2) formed within the outer casing (1), a machine compartment (3) formed adjacent the heating chamber (2) within the outer casing (1), a magnetron (9) mounted in the machine compartment (3) for radiating high frequency waves into the heating chamber (2) so that a food contained in the heating chamber (2) is heated, a high voltage transformer (5) mounted in the machine compartment (3) for applying a high voltage to the magnetron (9), a partition member (11) partitioning the interior of the machine compartment (3) to a space where the magnetron (9) is disposed and the other space where the high voltage transformer (5) is disposed, the partition member (11) having a ventilation opening (13), and a cooling fan (15) mounted at the ventilation opening (13) of the partition member (11) so that air in the space where the high transformer (5) is disposed is taken in and then delivered into the space where the magnetron (9) is disposed. <IMAGE>

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CPC (source: EP KR)
F24C 7/02 (2013.01 - KR); **H05B 6/642** (2013.01 - EP); **H05B 6/6426** (2013.01 - EP)

Citation (search report)
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