

Title (en)

Heating apparatus enclosed in a cabinet during its use

Title (de)

Heizapparat eingeschlossen in einem Schrank während seiner Verwendung

Title (fr)

Appareil de chauffage incorporé dans une armoire pendant l'utilisation

Publication

EP 0584933 B1 19961127 (EN)

Application

EP 93305731 A 19930721

Priority

- JP 22698792 A 19920826
- JP 22698892 A 19920826

Abstract (en)

[origin: EP0584933A1] A cabinet (24) for enclosing a heating apparatus such as a microwave oven is disclosed. The cabinet (24) encloses the body (11) of the heating apparatus and is held on a room wall. An air flow path (30) is formed between the apparatus body (11) and the cabinet (24). The cabinet (24) has an inlet (33) in its lower front and an outlet (34) in its upper front. A transverse fan (35) is disposed in the air flow path (30). Side plates (24d, 24e) of the cabinet (24) are protruded rearwards such that a space (S) is defined between the rear wall (24b) and the room wall. A suction opening (36) is formed in the rear wall (24b) of the cabinet (24) to correspond to suction apertures (21) of the component chamber (13). When a cooling fan (20) and the fan (35) are driven, outside air is drawn in through the inlet (33) and the suction opening (36) so that electrical components in the component chamber (13) are sufficiently cooled by the air. <IMAGE>

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F24C 7/02; H05B 6/64

IPC 8 full level

H05B 6/80 (2006.01)

CPC (source: EP)

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