

Title (en)

ELECTRICAL CONVECTIVE PANEL HEATER

Title (de)

ELEKTRISCHES KONVEKTIVES FLÄCHENHEIZELEMENT

Title (fr)

CHAUFFAGE PAR PANNEAU CONVECTEUR ELECTRIQUE

Publication

EP 1410706 A2 20040421 (EN)

Application

EP 02756061 A 20020701

Priority

- TR 0200026 W 20020701
- TR 200101985 A 20010702

Abstract (en)

[origin: WO03005770A2] An electrical convective panel heater which is used especially in automation panels and similar small cabinets for warming the environment as well as controlling the humidity therein. The body of the heater comprises air channels to provide air flow inside said body and allow for natural convection as well as forced convection through use of an optional fan. The heating element used in the panel heater has a sandwich structure comprising an indented middle plate around which resistance wires are wound in forward direction and also in the backward direction if a non-inductive heater is desired. The indented heater plate is further covered with at least two insulation plates of preferably mica laminate to provide better conductance.

IPC 1-7

H05K 7/20

IPC 8 full level

F24H 3/00 (2006.01); **H05B 3/26** (2006.01); **H05B 3/28** (2006.01); **H05K 7/20** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 03005770A2

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