

Title (en)

Forced-convection air heater element for clothes dryers.

Title (de)

Heizelement mit gezwungener Luftströmung für Wäschetrockner.

Title (fr)

Élément de chauffage d'air forcé pour sèche-linges.

Publication

EP 0456173 A1 19911113 (EN)

Application

EP 91107370 A 19910507

Priority

IT 8412890 A 19900511

Abstract (en)

A forced-convection air heater element, particularly for clothes dryers, comprising a metal box casing (1) with at least one entry aperture (4) for the air to be heated and at least one exit aperture (5) for the heated air, and housing at least one armoured electrical resistance element (7) provided with a heat radiator (13), characterised in that the radiator (13) consists of a plurality of thermal diffusers (14,19,21) thermally connected to the armoured resistance element (7) and spaced from the walls of said casing (1), said thermal diffusers (14,19,21) and said casing (1) being constructed of diecast aluminium alloy the connection between the electrical resistance element (7) and the walls of the casing being made only at the two ends of said resistance element. <IMAGE>

IPC 1-7

D06F 58/26; **F24H 3/04**; **H05B 3/50**

IPC 8 full level

D06F 58/26 (2006.01); **F24H 3/04** (2006.01); **H05B 3/50** (2006.01)

CPC (source: EP US)

D06F 58/26 (2013.01 - EP US); **F24H 3/0405** (2013.01 - EP US); **H05B 3/50** (2013.01 - EP)

Citation (search report)

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