

Title (en)

ELONGATED ELECTRICAL RESISTANCE HEATER.

Title (de)

LANGESTRECKTES WIDERSTANDSHEIZELEMENT.

Title (fr)

DISPOSITIF DE CHAUFFAGE ALLONGE A RESISTANCE ELECTRIQUE.

Publication

**EP 0536165 A4 19930107 (EN)**

Application

**EP 91910188 A 19910507**

Priority

- US 9103123 W 19910507
- US 51970190 A 19900507

Abstract (en)

[origin: WO9117642A1] An elongate heater (1) in which a resistive heating element core is surrounded by a first insulating jacket (9) and a second insulating jacket (11). In a preferred embodiment the resistive heating element core comprises a conductive polymer composition (3) and the heater passes the VW-1 flame test. The second insulating jacket (11) may be made from the same material as the first insulating jacket (9). For some applications it is preferred that the second insulating jacket be a thin film, e.g. polyester film.

IPC 1-7

**H05B 3/14**; **H05B 3/56**

IPC 8 full level

**H05B 3/14** (2006.01); **H05B 3/56** (2006.01)

CPC (source: EP)

**H05B 3/146** (2013.01); **H05B 3/56** (2013.01)

Citation (search report)

See references of WO 9117642A1

Cited by

EP3664575A1; US2014166638A1; US9603196B2; US11778700B2; US11871486B2; US11956865B2

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