

Title (en)

ELONGATED ELECTRICAL RESISTANCE HEATER.

Title (de)

LANGGESTRECKTES WIDERSTANDSHEIZELEMENT.

Title (fr)

DISPOSITIF DE CHAUFFAGE ALLONGE A RESISTANCE ELECTRIQUE.

Publication

EP 0536165 B1 19950712 (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 3/56; **H05B 3/14**

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)

Cited by

EP3664575A1; US2014166638A1; US9603196B2; US11778700B2; US11871486B2; US11956865B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9117642 A1 19911114; AT E125096 T1 19950715; CA 2081029 A1 19911108; CA 2081029 C 20020129; DE 69111237 D1 19950817; DE 69111237 T2 19960222; EP 0536165 A1 19930414; EP 0536165 A4 19930107; EP 0536165 B1 19950712; FI 100844 B 19980227; FI 925037 A0 19921106; FI 925037 A 19921106; JP 3255232 B2 20020212; JP H05507173 A 19931014; KR 100245568 B1 20000215; NO 302450 B1 19980302; NO 924306 D0 19921109; NO 924306 L 19921109

DOCDB simple family (application)

US 9103123 W 19910507; AT 91910188 T 19910507; CA 2081029 A 19910507; DE 69111237 T 19910507; EP 91910188 A 19910507; FI 925037 A 19921106; JP 50966391 A 19910507; KR 920702769 A 19910507; NO 924306 A 19921109