

Title (en)

An improved fluid permeable porous electric heating element.

Title (de)

Strömungsdurchlässiges, poröses, elektrisches Heizelement.

Title (fr)

Élément perfectionné de chauffage électrique, poreux, perméable au fluide.

Publication

EP 0082627 A1 19830629 (EN)

Application

EP 82306494 A 19821206

Priority

GB 8137673 A 19811214

Abstract (en)

A fluid permeable electric heating element made by, forming a fibrous precursor 200, coating the fibres of the precursor 200 with a selected material so as to form tubular fibres of the selected material, and heating the coated precursor 200 at a temperature such as to modify the structure of the selected material to provide a desired electrical resistivity of the tubular fibres.

IPC 1-7

H05B 3/10; **C23C 11/00**

IPC 8 full level

H05B 3/10 (2006.01); **F24H 1/10** (2006.01); **H05B 3/14** (2006.01); **H05B 3/40** (2006.01)

CPC (source: EP)

F24H 1/103 (2013.01); **H05B 3/148** (2013.01)

Citation (search report)

- DE 3022259 A1 19801218 - ATOMIC ENERGY AUTHORITY UK
- DE 3040693 A1 19810527 - ITT IND GMBH DEUTSCHE [DE]
- DE 2408802 A1 19740829 - ATOMIC ENERGY AUTHORITY UK
- GB 1503644 A 19780315 - FOGARTY & CO LTD E
- DE 2822536 A1 19790125 - ATOMIC ENERGY AUTHORITY UK

Cited by

EP2911720A4

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0082627 A1 19830629; **EP 0082627 B1 19880127**; DE 3278066 D1 19880303; DE 82627 T1 19840216; GB 2111809 A 19830706; GB 2111809 B 19850821; JP H0416914 B2 19920325; JP S58112296 A 19830704

DOCDB simple family (application)

EP 82306494 A 19821206; DE 3278066 T 19821206; DE 82306494 T 19821206; GB 8234714 A 19821206; JP 21912382 A 19821214