

Title (en)

Metallic elements, especially an electric heater, for a water conducting metallic part of a water heated heating apparatus

Title (de)

Metallischer Einbauteil, insbesondere Elektroheizkörper, für einen wasserführenden Metallbauteil einer Wassererwärmungsanlage

Title (fr)

Élément métallique, en particulier un corps de chauffe électrique, pour un composant métallique conduisant de l'eau d'une installation de chauffage d'eau

Publication

**EP 0755172 A3 19970827 (DE)**

Application

**EP 96890120 A 19960710**

Priority

AT 124195 A 19950720

Abstract (en)

[origin: EP0755172A2] The heating element has a number of heating rods (5) projecting from a housing (1) containing an adjustable thermostat for regulating the water temp and fitted into a metal boiler housing provided with a corrosion protection coating, e.g. an enamel. The heating rods are made of a metal with a higher potential in the electrochemical series than the metal of the boiler housing, the outer surfaces (6) of the heating rods coming into contact with the water provided with an electrically insulating protective coating, e.g. a lacquer or plastics coating.

IPC 1-7

**H05B 3/82**; **H05B 3/10**

IPC 8 full level

**H05B 3/10** (2006.01); **H05B 3/82** (2006.01)

CPC (source: EP)

**H05B 3/10** (2013.01); **H05B 3/82** (2013.01)

Citation (search report)

- [X] US 5013890 A 19910507 - GAMBLE BOBBY G [US]
- [X] GB 2244898 A 19911211 - TOWNSEND DAVID WILLIAM
- [A] DE 1905001 A1 19700806 - POEPEL FRIEDEMANN
- [A] DE 3506606 A1 19860828 - GROSS ERWIN DIPL ING [DE]
- [A] DE 2605089 A1 19770908 - WESTFAEL ELEKT WERKE

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0755172 A2 19970122**; **EP 0755172 A3 19970827**

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