

Title (en)
WATER HEATER

Publication
EP 0156221 B1 19891213 (DE)

Application
EP 85102625 A 19850308

Priority
• DE 8407212 U 19840309
• DE 8408655 U 19840321

Abstract (en)
[origin: EP0156221A2] 1. Water heaters, in particular storage water heaters, instantaneous water heaters, water boilers, having an electric heating element which is connected to AC current and has a jacket pipe of an anodically passivable material coated with a precious metal of the platinum series, said electric heating element being fitted in an electrically insulated manner in the wall of the tank, and said electric heating element being connected anodically and said tank wall cathodically to a DC source, characterized in that surfaces coated with precious metal and surfaces not coated with precious metal are distributed evenly over said jacket pipe (2) of said electric heating element in accordance with a geometric pattern (10, 11, 12).

IPC 1-7
C23F 13/00; F24H 1/20; F24H 9/18; H05B 3/48

IPC 8 full level
C23F 13/00 (2006.01); **F24H 1/20** (2006.01); **F24H 9/18** (2006.01); **H05B 3/48** (2006.01)

CPC (source: EP)
C23F 13/005 (2013.01); **F24H 1/202** (2013.01); **F24H 9/0021** (2013.01); **H05B 3/48** (2013.01)

Cited by
FR2657089A1; DE4008329C1; FR2639961A1; WO2004108992A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0156221 A2 19851002; EP 0156221 A3 19870527; EP 0156221 B1 19891213; DE 3574769 D1 19900118

DOCDB simple family (application)
EP 85102625 A 19850308; DE 3574769 T 19850308