

Title (en)
Heater body

Title (de)
Heizkörper

Title (fr)
Élément chauffant

Publication
EP 0997691 A3 20020828 (DE)

Application
EP 99250367 A 19991017

Priority
• AT 118099 A 19990708
• DE 19850432 A 19981027

Abstract (en)
[origin: EP0997691A2] The water heater is formed from 2 symmetrical half shells connected together by a mechanical splice and the heating element is arranged on its outside under an intermediate layer of an electrical insulator. The water channel and inlet and outlet are arranged symmetrically about the axis of the heater. The external water supply is fitted with an electrical control device connected to the heater.

IPC 1-7
F24H 1/12

IPC 8 full level
F24H 1/12 (2006.01)

CPC (source: EP)
F24H 1/121 (2013.01)

Citation (search report)
• [A] US 4343988 A 19820810 - ROLLER HANNO, et al
• [A] DE 3925549 A1 19910207 - INTER CONTROL KOEHLER HERMANN [DE]
• [A] FR 2576091 A1 19860718 - GYSBERS ANTOINE [FR]
• [A] US 4334141 A 19820608 - ROLLER HANNO, et al
• [A] WO 9617497 A1 19960606 - PIFCO LTD [GB], et al
• [A] DE 19651079 A1 19980610 - BOSCH SIEMENS HAUSGERAETE [DE]
• [A] US 5228618 A 19930720 - AFSHAR MOHAMMAD R [US]

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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DE 29918763 U1 20000127; DE 59910820 D1 20041118; EP 0997691 A2 20000503; EP 0997691 A3 20020828; EP 0997691 B1 20041013

DOCDB simple family (application)
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