

Title (en)

Heat cell for a hot water heater

Title (de)

Wärmezelle für einen Warmwassererzeuger

Title (fr)

Cellule thermique d'un chauffe-eau

Publication

**EP 1688681 A1 20060809 (DE)**

Application

**EP 05027998 A 20051221**

Priority

DE 102005002933 A 20050121

Abstract (en)

The heat cell (1) comprises a holder element (2) with housing sleeve (3) containing a tubular coil (4). The holder element and at least one part of the housing sleeve are formed in one piece. The one-piece part of the heat cell is made from a pressed profile. The housing sleeve is cylindrical and comprises two half shells (31,32) of which one is formed integral with the holder element. The ends of the tubular coil are guided through the holder element perpendicular to the surface thereof.

IPC 8 full level

**F24H 1/43** (2006.01); **F24H 9/06** (2006.01)

CPC (source: EP)

**F24H 1/43** (2013.01); **F24H 9/02** (2013.01); **F24H 9/06** (2013.01)

Citation (applicant)

- DE 10148914 C2 20030724 - HEATEC THERMOTECHNIK GMBH [DE]
- DE 10242643 A1 20040325 - HEATEC THERMOTECHNIK GMBH [DE]
- EP 1255086 A2 20021106 - HEATEC THERMOTECHNIK GMBH [DE]

Citation (search report)

- [XY] WO 2004036121 A1 20040429 - REALISATION MECANIQUE ENGENEE [FR], et al
- [Y] DE 29504172 U1 19950427 - VAILLANT JOH GMBH & CO [DE]
- [DA] DE 10148914 A1 20030424 - HEATEC THERMOTECHNIK GMBH [DE]
- [A] US 2003192684 A1 20031016 - ROBERTS JOSH [US], et al

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

**EP 1688681 A1 20060809**; CN 1840980 A 20061004; CN 1840980 B 20101013; DE 102005002933 A1 20060727;  
DE 102005002933 B4 20080117

DOCDB simple family (application)

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