

Title (en)  
**WATER HEATER**

Publication  
**EP 0092375 A3 19840111 (EN)**

Application  
**EP 83302091 A 19830414**

Priority  
GB 8211012 A 19820415

Abstract (en)  
[origin: EP0092375A2] To be interposed in a flue, a water heater comprising inner and outer peripherally-interspaced tubular members (11, 10). The inner members (11) projects at both ends beyond the outer member (10) and is dimensioned for fitment between and integration with spaced and mutually-adjacent ends of axially-aligned flue sections (18, 19A). Walls (13, 14) bridge directly between the ends of the outer member (10) and the periphery of the inner member (11) and sealed to both thus to define a peripherallycontinuous watertight chamber (12) between the two members (10, 11). Three parallelly spaced watertight tubes extend between openings in the inner member (11) and fitted therein in sealed relation with the peripheries thereof whereby the tubes participate in water circulation with the chamber. Nozzles (20) adjacent to opposite ends of the outer member (10) provide for integration of the chamber and tubes into a water circulation system.

IPC 1-7  
**F24B 9/00**; **F24H 1/28**

IPC 8 full level  
**F24B 9/00** (2006.01); **F28D 21/00** (2006.01)

CPC (source: EP)  
**F24B 9/006** (2013.01); **F28D 21/0007** (2013.01)

Citation (search report)

- [X] DE 2817451 A1 19791025 - SEMPFF JUERGEN
- [X] DE 2530219 A1 19770203 - TONK KURT
- [X] DE 2814155 A1 19791011 - MTH APPARATEBAU MEISSNER GMBH
- [Y] FR 1030012 A 19530609 - METALLURG HERAUD FRERES SOC
- [Y] CH 87511 A 19201216 - ERNST KOZLOWSKY [DE]
- [Y] DE 2940718 A1 19810416 - ROTTMANN HERBERT
- [Y] FR 871265 A 19420417
- [A] FR 1105077 A

Cited by  
GR20150100572A; GB2158209A

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

DOCDB simple family (publication)  
**EP 0092375 A2 19831026**; **EP 0092375 A3 19840111**

DOCDB simple family (application)  
**EP 83302091 A 19830414**