

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)

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Designated contracting state (EPC)  
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