

Title (en)

Water heater with high performance heat exchanger

Title (de)

Wassererhitzer mit Hochleistungswärmetauscher

Title (fr)

Chauffe-eau avec échangeur de chaleur à haute performance

Publication

**EP 1371908 A1 20031217 (EN)**

Application

**EP 02380124 A 20020612**

Priority

EP 02380124 A 20020612

Abstract (en)

The present invention refers to a high performance water heater constituted by means of a tank (1) having adiabatic walls that makes use of a double coaxial pipe coil (4) that increases the flow of heat and allows the storage and production of domestic hot water. This double coaxial pipe coil has an external tube (4.2) pertaining to the primary circuit or hot source and an internal tube (4.1) pertaining to the secondary or domestic water circuit. <IMAGE>

IPC 1-7

**F24D 3/08**

IPC 8 full level

**F24D 3/08** (2006.01)

CPC (source: EP)

**F24D 3/082** (2013.01); **F24D 3/087** (2013.01)

Citation (search report)

- [X] EP 1103775 A2 20010530 - HEATEX BV [NL]
- [X] EP 0870993 A1 19981014 - VRIES METAAL BV [NL]
- [X] US 3921708 A 19751125 - BRENNER LOTHAR P
- [X] AT 368271 B 19820927 - AUSTRIA EMAIL AG [AT]

Cited by

AT501916B1; KR100644931B1; EP3163208A1; FR3043174A1; EP1983286A1; WO2006036121A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1371908 A1 20031217**

DOCDB simple family (application)

**EP 02380124 A 20020612**