

Title (en)  
A FIRED WATER HEATER

Title (de)  
GEFEUERTER WASSERHEIZER

Title (fr)  
CHAUFFE-EAU À COMBUSTIBLE

Publication  
**EP 3356747 B1 20190807 (EN)**

Application  
**EP 16787943 A 20160921**

Priority  
• PL 41419115 A 20150928  
• PL 2016000105 W 20160921

Abstract (en)  
[origin: WO2017058034A1] A fired water heater has an external jacket (1), where in its upper part there is a combustion chamber (2) with an opening for a burner. Under the combustion chamber (2) there is chamber (3) for the flow of the heater water, inside which there are vertical flame pipes (4) fixed in sieve bottoms (5, 6). In the lower part of the external jacket (1) there is a first inlet pipe (7) for cold water, and in its upper part there is an outlet pipe (9) for hot water. Cold water is supplied via the first inlet pipe (7) and a second inlet pipe (8) pointing towards the upper sieve bottom (6) is fitted in the mouth of the first inlet pipe (7), where formed in between the pipes is an aperture (10). There are partitions over the lower sieve bottom (5) and the upper sieve bottom (6).

IPC 8 full level  
**F24H 1/28** (2006.01); **F24H 9/00** (2006.01)

CPC (source: EP)  
**F24H 1/287** (2013.01); **F24H 9/0015** (2013.01)

Cited by  
US11333398B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2017058034 A1 20170406**; EP 3356747 A1 20180808; EP 3356747 B1 20190807; ES 2746899 T3 20200309; PL 229301 B1 20180731; PL 3356747 T3 20200131; PL 414191 A1 20170410

DOCDB simple family (application)  
**PL 2016000105 W 20160921**; EP 16787943 A 20160921; ES 16787943 T 20160921; PL 16787943 T 20160921; PL 41419115 A 20150928