

Title (en)
A FIRED WATER HEATER

Title (de)
GEFEUERTER WASSERHEIZER

Title (fr)
CHAUFFE-EAU À COMBUSTIBLE

Publication
EP 3356747 A1 20180808 (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
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CPC (source: EP)
F24H 1/287 (2013.01); **F24H 9/0015** (2013.01)

Citation (search report)
See references of WO 2017058034A1

Cited by
US11333398B2

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