

Title (en)

INSTANTANEOUS HEATING APPARATUS

Title (de)

SOFORTERHITZUNGSVORRICHTUNG

Title (fr)

APPAREIL DE CHAUFFAGE INSTANTANÉ

Publication

EP 3258186 A1 20171220 (EN)

Application

EP 15882142 A 20151111

Priority

- KR 20150020932 A 20150211
- KR 2015012136 W 20151111

Abstract (en)

An instantaneous heating apparatus is disclosed. The instantaneous heating apparatus according to one embodiment of the present invention comprises: a water inlet part into which water flows from the outside; a flow part in which the water, flowing into the water inlet part, flows; a heating part for heating the water flowing in the flow part; and a water outlet part for discharging, to the outside, the water heated by the heating part, wherein the flow part can comprise: a passage forming member disposed inside the heating part; and a close-pressing part for bringing the passage forming member into close contact with the heating part such that a heating passage is formed between the heating part and the passage forming member.

IPC 8 full level

F24H 1/10 (2006.01); **F24H 9/18** (2006.01)

CPC (source: CN EP KR US)

F24H 1/10 (2013.01 - CN EP US); **F24H 1/105** (2013.01 - KR); **F24H 1/162** (2013.01 - EP US); **F24H 9/0021** (2013.01 - EP US);
F24H 9/18 (2013.01 - CN EP US); **F24H 9/1818** (2013.01 - EP KR US); **H05B 3/46** (2013.01 - EP US); **F24H 2250/02** (2013.01 - KR)

Cited by

EP3412986A4; EP3412987A4; CN110513864A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3258186 A1 20171220; EP 3258186 A4 20180321; EP 3258186 B1 20190313; CN 107250685 A 20171013; CN 107250685 B 20191213;
ES 2729988 T3 20191107; JP 2018505380 A 20180222; JP 6603724 B2 20191106; KR 102322280 B1 20211109; KR 20160099154 A 20160822;
US 2018031270 A1 20180201; WO 2016129780 A1 20160818

DOCDB simple family (application)

EP 15882142 A 20151111; CN 201580075869 A 20151111; ES 15882142 T 20151111; JP 2017542436 A 20151111;
KR 20150020932 A 20150211; KR 2015012136 W 20151111; US 201515550526 A 20151111