

Title (en)  
INSTANTANEOUS HEATING APPARATUS

Title (de)  
SOFORTERHITZER

Title (fr)  
APPAREIL DE CHAUFFAGE INSTANTANÉ

Publication  
**EP 2718633 A4 20150225 (EN)**

Application  
**EP 12792312 A 20120525**

Priority  

- KR 20110050757 A 20110527
- KR 20110144654 A 20111228
- KR 20120021823 A 20120302
- KR 20120054843 A 20120523
- KR 2012004150 W 20120525

Abstract (en)  
[origin: WO2012165812A2] There is provided an instantaneous heating apparatus configured to heat introduced water, while water is flowing therein, to a certain temperature by means of a heating unit during which the generation of steam is minimized. The instantaneous heating apparatus includes: a main body having an inlet through which water is introduced and an outlet through which water is expelled; and a heating unit provided in the main body and configured to heat water introduced into the main body, wherein at least one of the main body and the heating unit is configured such that water introduced into the main body through the inlet is heated to a predetermined required temperature while flowing for a certain period of time and the generation of steam is minimized.

IPC 8 full level  
**F24H 1/10** (2006.01); **F24H 9/00** (2006.01); **F24H 9/18** (2006.01)

CPC (source: EP)  
**F24H 1/121** (2013.01); **F24H 9/0015** (2013.01); **F24H 9/1818** (2013.01)

Citation (search report)  

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- [X] DE 19651088 A1 19980610 - BOSCH SIEMENS HAUSGERAETE [DE]
- [XI] DE 19732414 A1 19990204 - SUHL ELEKTRO & HAUSGERAETEWERK [DE]
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- See references of WO 2012165812A2

Cited by  
KR20240003640A

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)  
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**KR 2012004150 W 20120525**; CN 201280025946 A 20120525; EP 12792312 A 20120525; MY PI2013004193 A 20120525