

Title (en)
HEATER AND HOT WATER SUPPLY APPARATUS

Title (de)
ERHITZER UND VORRICHTUNG ZUR ABGABE VON HEISSEM WASSER

Title (fr)
DISPOSITIF DE CHAUFFAGE ET APPAREIL D'ALIMENTATION EN EAU CHAUDE

Publication
EP 2489966 A4 20171122 (EN)

Application
EP 10823574 A 20101011

Priority
• KR 20090096919 A 20091012
• KR 2010006945 W 20101011

Abstract (en)
[origin: WO2011046335A2] The present invention relates to a heater and to a hot water supply apparatus comprising the same. According to the present invention, an inlet and an outlet of a water container are arranged closely with each other to form a temperature stabilizing unit such that the cold water introduced into a flow channel of the water container via the inlet cools the hot water to be discharged via the outlet of the water container to an appropriate temperature level to prevent the hot water from being overheated to a level higher than the appropriate temperature level. Consequently, heating elements are preemptively prevented from being heated by the over-heated water in the water container, and further the temperatures of the heating elements are prevented from exceeding a limit temperature, thus preventing damage to the heating elements.

IPC 8 full level
F25D 23/08 (2006.01); **F24D 17/00** (2006.01); **F24H 1/12** (2006.01); **F24H 1/14** (2006.01); **F24H 9/20** (2006.01); **F25D 11/00** (2006.01); **F25D 23/12** (2006.01); **F25D 25/00** (2006.01)

CPC (source: EP KR US)
F24D 17/0031 (2013.01 - EP US); **F24H 1/121** (2013.01 - EP US); **F24H 1/122** (2013.01 - EP US); **F24H 1/142** (2013.01 - EP US); **F24H 9/2014** (2013.01 - EP KR US); **F25D 11/00** (2013.01 - KR); **F25D 23/08** (2013.01 - KR); **F25D 23/12** (2013.01 - EP US); **F25D 25/00** (2013.01 - KR); **F25D 2400/02** (2013.01 - EP US)

Citation (search report)
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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 2011046335 A2 20110421; WO 2011046335 A3 20110714; EP 2489966 A2 20120822; EP 2489966 A4 20171122; EP 2489966 B1 20240410; KR 101059879 B1 20110829; KR 20110039885 A 20110420; US 2012195577 A1 20120802

DOCDB simple family (application)
KR 2010006945 W 20101011; EP 10823574 A 20101011; KR 20090096919 A 20091012; US 201013500967 A 20101011