

Title (en)
HOT-WATER SUPPLY SYSTEM

Title (de)
HEISSWASSERVERSORGUNGSSYSTEM

Title (fr)
SYSTÈME D'ALIMENTATION EN EAU CHAUDE

Publication
EP 2902714 A4 20170726 (EN)

Application
EP 12885365 A 20120928

Priority
JP 2012075020 W 20120928

Abstract (en)
[origin: EP2902714A1] [Object] To prevent a variation in pressure inside a water distributing pipe while achieving instant hot water supply. [Solution] A hot water supply system includes a hot water storage tank that stores hot water, a hot water supply pipe through which the hot water in the hot water storage tank is supplied to a hot water outlet terminal, a circulation pipe through which the hot water flowing through the hot water supply pipe is returned to the hot water storage tank, and a circulating pump disposed in the hot water supply pipe. The circulation pipe is connected to the hot water supply pipe and the hot water storage tank. The circulating pump is configured to draw by suction the hot water in the hot water storage tank and discharge the hot water toward the hot water outlet terminal and the circulation pipe.

IPC 8 full level
F24D 17/00 (2006.01); **F24D 17/02** (2006.01); **F24D 19/10** (2006.01)

CPC (source: EP US)
F24D 19/1051 (2013.01 - EP US); **F24D 17/0078** (2013.01 - EP); **F24D 17/02** (2013.01 - EP); **F24D 2220/0207** (2013.01 - EP); **F24D 2220/0235** (2013.01 - EP); **F24D 2220/042** (2013.01 - EP); **F24D 2220/046** (2013.01 - EP); **F24D 2220/08** (2013.01 - EP)

Citation (search report)

- [XI] JP S58123033 A 19830722 - MATSUSHITA ELECTRIC IND CO LTD
- [XI] DE 20307395 U1 20030821 - FEDER ALEXANDER [DE]
- [XI] JP 2008095994 A 20080424 - CHUGOKU ELECTRIC POWER
- [XI] JP 2007017083 A 20070125 - OSAKA GAS CO LTD
- See references of WO 2014049814A1

Cited by
IT201800006559A1; EP3372904A1

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)
EP 2902714 A1 20150805; EP 2902714 A4 20170726; EP 2902714 B1 20191023; JP 6033321 B2 20161130; JP WO2014049814 A1 20160822; WO 2014049814 A1 20140403

DOCDB simple family (application)
EP 12885365 A 20120928; JP 2012075020 W 20120928; JP 2014537983 A 20120928