

Title (en)  
Water Supply Apparatus

Title (de)  
Wasserversorgungsvorrichtung

Title (fr)  
Appareil d'approvisionnement en eau

Publication  
**EP 2532981 A3 20160727 (EN)**

Application  
**EP 12169940 A 20120530**

Priority  
KR 20110056037 A 20110610

Abstract (en)  
[origin: EP2532981A2] Disclosed herein is a water supply apparatus which may include an outdoor unit installed outdoors, and a cascade unit to receive refrigerant from the outdoor unit and generate hot water of a first temperature and/or hot water of a second temperature higher than the first temperature. The water supply apparatus may generate hot water of the first temperature, hot water of the second temperature higher than the first temperature and/or cold water.

IPC 8 full level  
**F24D 17/02** (2006.01); **F25B 7/00** (2006.01); **F25B 13/00** (2006.01); **F25B 25/00** (2006.01)

CPC (source: EP KR US)  
**F24D 17/02** (2013.01 - EP KR US); **F24D 19/08** (2013.01 - KR); **F24D 19/10** (2013.01 - KR); **F24F 3/06** (2013.01 - EP US); **F24H 4/00** (2013.01 - KR); **F25B 7/00** (2013.01 - EP US); **F25B 13/00** (2013.01 - EP US); **F25B 25/005** (2013.01 - EP US); **F24D 2220/0235** (2013.01 - EP US); **F24D 2220/0242** (2013.01 - EP US); **F24F 5/0096** (2013.01 - EP US); **F24F 2203/021** (2013.01 - EP US)

Citation (search report)

- [XII] EP 1972862 A1 20080924 - SHARP KK [JP]
- [XII] WO 2011045976 A1 20110421 - HITACHI LTD [JP], et al
- [I] DE 202009016576 U1 20110113 - GEBHARDT PETER [DE]
- [I] JP H0432669 A 19920204 - MATSUSHITA ELECTRIC IND CO LTD

Cited by  
EP3508798A1; FR3076600A1

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 2532981 A2 20121212; EP 2532981 A3 20160727**; CN 102818308 A 20121212; CN 102818308 B 20170118; KR 20120136854 A 20121220; US 2012312045 A1 20121213

DOCDB simple family (application)  
**EP 12169940 A 20120530**; CN 201210189200 A 20120608; KR 20110056037 A 20110610; US 201213484899 A 20120531