

Title (en)
WATER HEATING SYSTEM

Title (de)
WASSERHEIZSYSTEM

Title (fr)
SYSTÈME DE CHAUFFAGE D'EAU

Publication
EP 2478305 A4 20141231 (EN)

Application
EP 10816784 A 20100914

Priority
• US 24281209 P 20090916
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Abstract (en)
[origin: WO2011033449A2] A method, including: receiving an instruction from a user of a hot water tank (24) indicating a target temperature and a duration of a supply of water. In response to receiving the instruction, water at multiple different temperatures within the hot water tank is mixed so as to form mixed water in the tank. The method includes measuring an actual temperature of the mixed water in order to make a determination of whether the mixed water will satisfy the instruction. The method also includes activating a heater (120) to heat the mixed water responsively to the determination.

IPC 8 full level
F24H 9/20 (2006.01); **F24D 19/10** (2006.01)

CPC (source: EP US)
F24D 19/1051 (2013.01 - EP US); **F24H 9/2021** (2013.01 - EP US); **F24H 9/2035** (2013.01 - EP US); **F24H 15/144** (2022.01 - EP US); **F24H 15/172** (2022.01 - EP US); **F24H 15/174** (2022.01 - EP US); **F24H 15/215** (2022.01 - EP US); **F24H 15/225** (2022.01 - EP US); **F24H 15/238** (2022.01 - EP US); **F24H 15/31** (2022.01 - EP US); **F24H 15/335** (2022.01 - EP US); **F24H 15/37** (2022.01 - EP US); **F24H 15/395** (2022.01 - EP US); **F24H 15/414** (2022.01 - EP US); **F24H 15/45** (2022.01 - EP US)

Citation (search report)
• [XAI] US 2007157634 A1 20070712 - HARTGE ROBERT [US]
• [XA] GB 2225097 A 19900523 - IMI RANGE LTD [GB]
• [XA] WO 2009079791 A1 20090702 - BOULAY ANDRE [CA], et al
• See references of WO 2011033449A2

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 SE SI SK SM TR

DOCDB simple family (publication)
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