

Title (en)

Parallelepipedal water heater with pierced longitudinal partitions

Title (de)

Parallelepipedischer Wasserkocher mit gelochten Längstrennwänden

Title (fr)

Chauffe-eau parallélépipédique à cloisons longitudinales trouées

Publication

EP 2439459 B1 20141217 (FR)

Application

EP 11184400 A 20111007

Priority

FR 1058241 A 20101011

Abstract (en)

[origin: EP2439459A1] The water-heater has a parallelepiped tank, and resistive heating units (15) that are located in center of a duct (8) arranged centrally relative to other ducts. Partitions (11) have row of holes aligned along longitudinal direction of the ducts. A total surface area of the holes is comprised between 10 to 40 percent of surface area of the partition. The holes are regularly spaced along a longitudinal direction of the ducts. A space between the holes is equal to half of width of the partitions.

IPC 8 full level

F24H 1/20 (2006.01); **F24H 1/18** (2006.01)

CPC (source: EP)

F24H 1/181 (2013.01); **F24H 1/202** (2013.01); **F24H 9/0021** (2013.01); **F24H 9/0015** (2013.01)

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 2439459 A1 20120411; **EP 2439459 B1 20141217**; EP 2627954 A1 20130821; FR 2965898 A1 20120413; FR 2965898 B1 20141121; WO 2012049099 A1 20120419

DOCDB simple family (application)

EP 11184400 A 20111007; EP 11764792 A 20111007; EP 2011067601 W 20111007; FR 1058241 A 20101011