

Title (en)

Apparatus for heating and hot-water production

Title (de)

Gerät zum Heizen und zur Warmwasserbereitung

Title (fr)

Appareil de chauffage et de production d'eau chaude

Publication

EP 2770269 B1 20160420 (FR)

Application

EP 14156005 A 20140220

Priority

FR 1351454 A 20130220

Abstract (en)

[origin: EP2770269A1] The apparatus (1) has a reservoir (2) containing water, and a heat source (4) for heating the water. The reservoir is placed in an insulating enclosure (3), where the heat source is placed inside the reservoir or outside of the enclosure. A wall of the enclosure is in contact with the reservoir except an area having a channel (33) formed in the wall of the enclosure, where opposite ends of the channel communicate respectively with an air inlet (321) and an air outlet (322), and the channel is in the form of a helicoid. The heat source is selected from one of an electrical resistor, a boiler, a burner, a solar panel, a wood stove, and biomass.

IPC 8 full level

F24H 4/04 (2006.01); **F24H 6/00** (2006.01)

CPC (source: EP)

F24H 4/04 (2013.01); **F24H 6/00** (2013.01)

Cited by

CN105605603A; FR3088990A1

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 2770269 A1 20140827; **EP 2770269 B1 20160420**; FR 3002309 A1 20140822; FR 3002309 B1 20160715

DOCDB simple family (application)

EP 14156005 A 20140220; FR 1351454 A 20130220