

Title (en)

ELECTRIC WATER HEATER WITH HIGH THERMAL INSULATION

Title (de)

ELEKTRISCHER WASSERHEIZER MIT HOHER WÄRMEISOLIERUNG

Title (fr)

CHAUFFE-EAU ELECTRIQUE A FORTE ISOLATION THERMIQUE

Publication

EP 1247049 B1 20060524 (FR)

Application

EP 01903926 A 20010111

Priority

- FR 0100090 W 20010111
- FR 0000359 A 20000112

Abstract (en)

[origin: FR2803652A1] The invention concerns an electric water heater comprising a tank (1) and a water heating device (2) located inside the tank, which is disposed inside an outer envelope (5), a thermal insulating material being placed between the tank and the envelope. The invention is characterized in that the outer envelope (5) has a generally square section and the thermal insulating material consists of vacuum insulating panels (6, 7) disposed along the flat walls of the outer envelope (5), an insulating foam material (10) being placed in the spaces between the tank (1), the vacuum insulating panels and the envelope (5).

IPC 8 full level

F24H 1/18 (2006.01)

CPC (source: EP)

F24H 1/182 (2013.01)

Cited by

DE202011050315U1

Designated contracting state (EPC)

BE DE ES FR GB IT

DOCDB simple family (publication)

FR 2803652 A1 20010713; FR 2803652 B1 20020614; AU 3188201 A 20010724; DE 60119887 D1 20060629; EP 1247049 A2 20021009; EP 1247049 B1 20060524; WO 0151860 A2 20010719; WO 0151860 A3 20020117

DOCDB simple family (application)

FR 0000359 A 20000112; AU 3188201 A 20010111; DE 60119887 T 20010111; EP 01903926 A 20010111; FR 0100090 W 20010111