

Title (en)
Once through heater

Title (de)
Durchlauferhitzer

Title (fr)
Chauffe-eau instantané

Publication
EP 1701111 B1 20100526 (DE)

Application
EP 05090064 A 20050311

Priority
EP 05090064 A 20050311

Abstract (en)
[origin: EP1701111A1] The water heater has a supply line which is connected with a resistance heating unit. A connecting line (15a) of the unit is connected with the supply line by a semiconductor control unit having an integrated voltage zero crossing detecting circuit, and another connecting line (16a) of the heating unit is connected with the supply line by a semiconductor control unit without integrated zero crossing detecting circuit.

IPC 8 full level
F24H 9/20 (2006.01)

CPC (source: EP US)
F24H 9/2028 (2013.01 - EP US); **F24H 15/37** (2022.01 - EP US); **F24H 15/407** (2022.01 - EP US); **F24H 15/414** (2022.01 - EP US)

Cited by
DE102007060190A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1701111 A1 20060913; **EP 1701111 B1 20100526**; AT E469328 T1 20100615; DE 502005009632 D1 20100708; HK 1100967 A1 20071005; PL 1701111 T3 20101029

DOCDB simple family (application)
EP 05090064 A 20050311; AT 05090064 T 20050311; DE 502005009632 T 20050311; HK 07102731 A 20070313; PL 05090064 T 20050311