

Title (en)
Enclosure structure of water heater

Title (de)
Gehäuse für warmwasserbereiter

Title (fr)
Boîtier pour chaudière

Publication
EP 1795826 A1 20070613 (EN)

Application
EP 05026925 A 20051209

Priority
EP 05026925 A 20051209

Abstract (en)
An enclosure structure of water heater is disclosed, which is readily assembled/disassembled and has an enhanced structural strength, including two opposite side panels having front and rear edges along which aluminum-extruded channels are integrally fixed to respectively receive opposite edges of a front panel and an opposite base plate and top and bottom cover boards respectively attached to upper and lower edges of the side panels to secure the front panel and the base plate in the channels of the side panels. Such a structure enhances simplification of assembling/disassembling the water heater enclosure and provides flexibility in modification of overall outside appearance of the water heater by replacing the side panels and the front panel to thereby eliminate troubles and inconveniences that are encountered in the conventional water heater enclosures.

IPC 8 full level
F24H 9/02 (2006.01)

CPC (source: EP)
F24H 9/02 (2013.01)

Citation (applicant)
TW 326262 B

Citation (search report)

- [X] DE 8903315 U1 19890503
- [X] GB 1179402 A 19700128 - RADIATION LTD [GB]
- [X] DE 571538 C 19330301 - JUNKERS & CO
- [X] DE 19754099 A1 19990617 - VISSMANN WERKE KG [DE]
- [A] GB 2145204 A 19850320 - TI GLOW WORM LTD
- [A] US 6182613 B1 20010206 - MCCRANEY W JEFFREY [US]

Cited by
CN110500785A; CN112428206A

Designated contracting state (EPC)
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