

Title (en)

Heat exchanger for a heater.

Title (de)

Wärmetauscheranordnung für ein Heizgerät

Title (fr)

Echangeur de chaleur pour chaudière

Publication

EP 1541935 B2 20160302 (DE)

Application

EP 04029395 A 20041210

Priority

DE 10358016 A 20031211

Abstract (en)

[origin: EP1541935A2] Together with an outer heat-exchanger housing (26) of magnesium-type material, an inner heat-exchanger housing (24) of aluminum-type material marks the boundary of a flow area (30) for a substance to be heated up, e.g. water. Both heat-exchanger housings have a pot-type shape and are glued together in an edge area (28).

IPC 8 full level

B60H 1/02 (2006.01); **F24H 1/26** (2006.01); **F24H 1/12** (2006.01); **F24H 3/06** (2006.01); **F24H 9/00** (2006.01)

CPC (source: EP)

F24H 1/263 (2013.01)

Citation (opposition)

Opponent :

- DE 3807189 A1 19890914 - WEBASTO AG FAHRZEUGTECHNIK [DE]
- DE 2622045 A1 19771201 - VAILLANT JOH KG
- DE 2629838 B2 19810319

Cited by

RU2483264C2; CN102642455A; US9482447B2

Designated contracting state (EPC)

AT CZ DE PL

DOCDB simple family (publication)

EP 1541935 A2 20050615; EP 1541935 A3 20051130; EP 1541935 B1 20080910; EP 1541935 B2 20160302; AT E408102 T1 20080915; DE 10358016 B3 20050127; DE 502004008016 D1 20081023; JP 2005170374 A 20050630; PL 1541935 T3 20090227

DOCDB simple family (application)

EP 04029395 A 20041210; AT 04029395 T 20041210; DE 10358016 A 20031211; DE 502004008016 T 20041210; JP 2004344930 A 20041129; PL 04029395 T 20041210