

Title (en)

Heat exchanger for fuel-heated water heater

Title (de)

Wärmeübertrager für brennstoffbeheizte Wassererhitzer

Title (fr)

Echangeur de chaleur pour chauffe-eau chauffé par un combustible

Publication

EP 0930478 A3 20000628 (DE)

Application

EP 98120878 A 19981104

Priority

DE 29800739 U 19980117

Abstract (en)

[origin: EP0930478A2] The exchanger has water-bearing pipes and a lamella packet through which the pipes pass. The lamellas have cantilevers which rest on neighboring lamellas, whereby outwardly-pressed naps (22) are provided on the periphery of the cantilevers (14) which lie on neighboring lamellas outside of the rounded punched-out regions. The distal edge surfaces (26) of the crown regions (24) lying on the neighboring lamellas are positioned parallel to the plane of the lamella by a calibrating procedure.

IPC 1-7

F28F 1/32; **F28F 1/24**

IPC 8 full level

F28F 1/24 (2006.01); **F28F 1/32** (2006.01); **F24H 9/00** (2006.01)

CPC (source: EP)

F28F 1/24 (2013.01); **F28F 1/32** (2013.01); **F24H 9/0026** (2013.01)

Citation (search report)

- [XA] DE 4404837 A1 19950817 - BEHR GMBH & CO [DE]
- [Y] FR 2402838 A1 19790406 - BOSCH GMBH ROBERT [DE]
- [Y] US 1992646 A 19350226 - YOUNG FRED M
- [A] FR 2594943 A1 19870828 - VALEO [FR]
- [A] DE 2756941 A1 19790628 - LAENGERER & REICH KUEHLER

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 29800739 U1 19990512; EP 0930478 A2 19990721; EP 0930478 A3 20000628

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