

Title (en)

Heat exchanger for fuel-heated water heater, more particularly for condensing boiler

Title (de)

Wärmeübertrager für brennstoffbeheizte Wassererhitzer, insbesondere für Brennwertgeräte

Title (fr)

Echangeur de chaleur pour chauffe-eau chauffé par un combustible, en particulier pour chaudière à condensation

Publication

EP 0932009 A3 20000705 (DE)

Application

EP 98120353 A 19981028

Priority

DE 29800981 U 19980122

Abstract (en)

[origin: EP0932009A2] The heat transmitter has an inner pipe (10) provided on the outside and/or the inside with longitudinal rib (14,16). The inner pipe has several wall sections distributed over its periphery and extending inwards and/or outwards, and has a linear-symmetrical profile.

IPC 1-7

F28F 1/02; **F28F 1/40**; **F28D 7/10**

IPC 8 full level

F28D 7/10 (2006.01); **F28F 1/02** (2006.01)

CPC (source: EP)

F28D 7/106 (2013.01); **F28F 1/02** (2013.01)

Citation (search report)

- [XY] EP 0775876 A1 19970528 - LEBLANC SA E L M [FR]
- [Y] WO 9744628 A1 19971127 - NITTA MINORU [US]
- [Y] EP 0401543 A1 19901212 - BOSCH GMBH ROBERT [DE]
- [Y] DE 839806 C 19520526 - HARTMANN OTTO H DR-ING E H
- [A] US 5409057 A 19950425 - ZIFFERER L ROBERT [US]

Cited by

CN103206883A

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 29800981 U1 19990520; EP 0932009 A2 19990728; EP 0932009 A3 20000705

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