

Title (en)

ELECTRIC BOILER FOR HEAT TRANSFER LIQUID CIRCULATING IN AN OPEN OR CLOSED SYSTEM

Title (de)

ELEKTRISCHER KESSEL FÜR WÄRMETRÄGERFLÜSSIGKEIT IN EINEM OFFENEN ODER GESCHLOSSENEN KREISLAUF

Title (fr)

CHAUDIERE ELECTRIQUE POUR LIQUIDE CALOPORTEUR EN CIRCULATION DANS UN CIRCUIT OUVERT OU FERME

Publication

EP 0680585 B1 19980527 (FR)

Application

EP 95902177 A 19941125

Priority

- FR 9401377 W 19941125
- FR 9314351 A 19931125

Abstract (en)

[origin: WO9514893A1] Electric heater for a heat transfer liquid (FC) comprising a plate assembly (P) having on both faces corrugations, and having at their angles openings (3, 4, 5, 6) for the circulation of fluid. The assembly consists of at least one unit comprising two stamped plates (P) with corrugations in the same direction on both faces between which is inserted at least one heating unit (I) containing a resistance (R) in the form of a unit. Said unit also includes openings (3, 4, 5, 6) and herringbone corrugations on both faces (A) and (B).

IPC 1-7

F24H 1/12

IPC 8 full level

F24H 1/12 (2006.01)

CPC (source: EP US)

F24H 1/121 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IE IT LI NL PT SE

DOCDB simple family (publication)

WO 9514893 A1 19950601; AT E166711 T1 19980615; CA 2154360 A1 19950601; DE 69410594 D1 19980702; DE 69410594 T2 19990325; DK 0680585 T3 19990322; EP 0680585 A1 19951108; EP 0680585 B1 19980527; ES 2119367 T3 19981001; FR 2712964 A1 19950602; FR 2712964 B1 19951229; US 5727118 A 19980310

DOCDB simple family (application)

FR 9401377 W 19941125; AT 95902177 T 19941125; CA 2154360 A 19941125; DE 69410594 T 19941125; DK 95902177 T 19941125; EP 95902177 A 19941125; ES 95902177 T 19941125; FR 9314351 A 19931125; US 49193295 A 19950717