

Title (en)  
EVAPORATOR AND EVAPORATOR PRODUCTION METHOD

Title (de)  
EIN VERDAMPFER UND ZUGEHÖRIGES HERSTELLUNGSVERFAHREN

Title (fr)  
EVAPORATEUR ET PROCEDE DE PRODUCTION D'UN EVAPORATEUR

Publication  
**EP 1490638 A1 20041229 (EN)**

Application  
**EP 03719283 A 20030321**

Priority

- TR 0300021 W 20030321
- TR 200200783 A 20020322

Abstract (en)  
[origin: WO03081151A1] This invention is related to an evaporator, which is used in the domestic appliances, preferably in the refrigerators, to cool the media that it is in contact with, comprises one more tubes (2) through which the cooling fluid passes, one or more tube fins (3), which makes the transfer of heat from the medium, in which it is located, to the fluid, which is inside the tube (2), and at least one heater (4), which has one or more heater fins (5), which easily melts the frost accumulated on the tube (2) and the tube fin (3), and an evaporator production method, which defines attaching the heater fins (5) to the heater (4) by the help of a fixture (11), which includes one or more heater recesses (12), into which the heater fins (5) are placed and which defines the inserting the heater coil, which is formed onto the tube coil, comprising tubes (2) and tube fins (3).

IPC 1-7  
**F25D 21/08**; **F25B 39/02**

IPC 8 full level  
**B21D 53/08** (2006.01); **B23P 15/26** (2006.01); **F25B 39/02** (2006.01); **F25D 21/08** (2006.01); **F28F 1/32** (2006.01)

CPC (source: EP)  
**B21D 53/085** (2013.01); **B23P 15/26** (2013.01); **F25B 39/02** (2013.01); **F25D 21/08** (2013.01); **F28F 1/32** (2013.01); **F28F 2215/12** (2013.01)

Citation (search report)  
See references of WO 03081151A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 03081151 A1 20031002**; AU 2003223156 A1 20031008; EP 1490638 A1 20041229; TR 200402418 T1 20050822

DOCDB simple family (application)  
**TR 0300021 W 20030321**; AU 2003223156 A 20030321; EP 03719283 A 20030321; TR 200402418 T 20030321