

Title (en)  
EVAPORATOR

Title (de)  
VERDAMPFER

Title (fr)  
EVAPORATEUR

Publication  
**EP 1695012 A4 20090114 (EN)**

Application  
**EP 04807129 A 20041209**

Priority  

- JP 2004018770 W 20041209
- JP 2003410665 A 20031209
- US 52957203 P 20031216

Abstract (en)  
[origin: WO2005057098A1] A second fin 27 is disposed outside a refrigerant passing body 2 positioned at one side end of a heat exchange core 4 where a refrigerant inlet 14 and a refrigerant outlet 15 are provided. A side plate 26 is disposed externally of the second fin 27. The second fin 27 and the side plate 26 have respective upper ends so positioned as to permit an upper portion outer surface of the refrigerant passing body 2 to be exposed. A refrigerant inflow member 16 and a refrigerant outflow member 17 are arranged on the refrigerant passing body 2 at an external portion thereof above the second fin 27 and the side plate 26, and the inflow member 16 is connected to the inlet 14, and the outflow member 17 is connected to the outlet 15. The inflow member 16 and the outflow member 17 have respective outer side faces positioned within an upward extension of the plane of outer side face of the side plate 26 or inwardly of the extension. The evaporator 1 can be housed in a case C without leaving any useless space therein, and the case C can therefore be made smaller in size.

IPC 8 full level  
**F25B 39/04** (2006.01); **B60H 1/32** (2006.01); **F28D 1/03** (2006.01); **F28D 1/053** (2006.01); **F28F 1/12** (2006.01); **F28F 9/02** (2006.01); **F28F 9/04** (2006.01); **F28F 9/26** (2006.01)

CPC (source: EP)  
**F28D 1/0341** (2013.01); **F28D 1/05391** (2013.01); **F28F 1/128** (2013.01); **F28F 9/0202** (2013.01); **F28F 9/0246** (2013.01); **F28F 9/0251** (2013.01); **F28F 9/262** (2013.01); **F28D 2021/0071** (2013.01)

Citation (search report)  

- No further relevant documents disclosed
- See references of WO 2005057098A1

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

DOCDB simple family (publication)  
**WO 2005057098 A1 20050623**; EP 1695012 A1 20060830; EP 1695012 A4 20090114

DOCDB simple family (application)  
**JP 2004018770 W 20041209**; EP 04807129 A 20041209