

Title (en)  
Evaporator unit

Title (de)  
Verdampfeinheit

Title (fr)  
Unité d'évaporateur

Publication  
**EP 2317252 A2 20110504 (EN)**

Application  
**EP 10172987 A 20100817**

Priority  
TR 200908059 A 20091023

Abstract (en)  
The evaporator unit (A) of the invention developed for cooler-type white goods comprises an evaporator tube (1) consisting of two lines (I, II) each of which continue with sequential bends (5); plate-shaped fins (2) that are arranged on the evaporator tube (1) in succession. The unit (A) is characterized in that each line (I, II) of the tube (1) is within itself while all the parts are sequentially on the same virtual plane (D); and in that there are protrusions (3) on each fin (2) which keep the fins (2) at parallel regular intervals with respect to each other and which are used for heat transfer; and in that there are a great number of slots (4) at the both sides of the each fin (2) plate into which tube lines can laterally enter.

IPC 8 full level  
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**F25B 39/02** (2013.01); **F28D 1/0477** (2013.01); **F28F 1/325** (2013.01); **F28F 13/12** (2013.01); **F28F 21/082** (2013.01); **F28D 2021/0071** (2013.01); **F28F 2215/08** (2013.01); **F28F 2215/12** (2013.01)

Citation (applicant)  
• US 4580623 A 19860408 - SMITTE CORY TER [CA], et al  
• US 6591627 B1 20030715 - ROLLINS DEWITT D [US]

Cited by  
CN104006680A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

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