

Title (en)  
Heat exchanger for refrigerator

Title (de)  
Wärmetauscher für einen Kühlschrank

Title (fr)  
Échangeur thermique pour réfrigérateur

Publication  
**EP 1852668 A2 20071107 (EN)**

Application  
**EP 07250621 A 20070215**

Priority  
KR 20060039724 A 20060502

Abstract (en)  
A heat exchanger (4,6) for a refrigerator with improved heat transfer efficiency by inducing turbulent flow in a refrigerant flowing along a refrigerant guiding tube. The heat exchanger (4,6) for the refrigerator comprised of: the refrigerant guiding tube (30) configured to allow the refrigerant to flow there through; a plurality of heat exchange fins (40) disposed around an outer peripheral surface of the refrigerant guiding tube (30), the plurality of heat exchange fins (40) increasing a heat exchange area of the refrigerant guiding tube (30); and a turbulent flow inducing member (60,60',60'',60''') positioned in the refrigerant guiding tube (30), whereby the turbulent flow inducing member (60,60',60'',60''') is configured to cause the refrigerant flowing along the refrigerant guiding tube (30) to form a turbulent flow.

IPC 8 full level  
**F28D 1/047** (2006.01); **F25B 39/00** (2006.01); **F28F 13/12** (2006.01)

CPC (source: EP KR US)  
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