

Title (en)  
Heat exchanger, in particular refrigerator

Title (de)  
Wärmeaustauscher, insbesondere Kühlgerät

Title (fr)  
Echangeur de chaleur, notamment réfrigérateur

Publication  
**EP 0624730 B1 19970730 (DE)**

Application  
**EP 94107289 A 19940510**

Priority  
DE 4315538 A 19930510

Abstract (en)  
[origin: EP0624730A1] The invention relates to a heat exchanger, in particular for a refrigerator, having a housing and at least one fan for blowing out the air flowing through the heat exchanger through an outlet orifice of the housing. In order to avoid energy losses during a defrosting operation and to save energy costs, there is fitted, on the outside of the outlet orifice (4) of the housing (1), a flexible piece of sheet-like material (6, 15) which, when the fan is running, permits the cooled air to blow out unhindered into the surrounding room, but which collapses when the fan is switched off and thus covers the outlet orifice of the housing, so that it is not possible, during the defrosting process, for humid, warm defrosting air to flow out into the environment through the outlet orifice of the housing. <IMAGE>

IPC 1-7  
**F04D 25/14**; F04D 29/58; F04D 29/54

IPC 8 full level  
**F04D 25/14** (2006.01); **F04D 29/54** (2006.01); **F04D 29/58** (2006.01)

CPC (source: EP US)  
**F04D 25/14** (2013.01 - EP US); **F04D 29/545** (2013.01 - EP US); **Y10T 137/7882** (2015.04 - EP US)

Designated contracting state (EPC)  
DE ES FR GB IT NL

DOCDB simple family (publication)  
**DE 4315538 C1 19941103**; DE 59403512 D1 19970904; EP 0624730 A1 19941117; EP 0624730 B1 19970730; ES 2107080 T3 19971116; US 5538074 A 19960723

DOCDB simple family (application)  
**DE 4315538 A 19930510**; DE 59403512 T 19940510; EP 94107289 A 19940510; ES 94107289 T 19940510; US 23842094 A 19940505