

Title (en)  
Heat exchanger

Title (de)  
Wärmeübertrager

Title (fr)  
Echangeur de chaleur

Publication  
**EP 0932010 B1 20030416 (DE)**

Application  
**EP 99100340 A 19990113**

Priority  
DE 19802278 A 19980122

Abstract (en)  
[origin: EP0932010A2] The side parts (1) engage over the outer ends (3a) of the ribs (3) U-fashion and are held by counter hooks as securing components in aligned recesses (4) of the ribs. The rib (7) on the side parts is arched convexly to the ribs (3) and in the installed state locates on the ribs under tension. The rib at both ends is provided with protruding side walls (8) and is formed into a hollow profile by a second rib (9) connecting the side walls. Between the two ribs (7,9) at least one connecting component (11,14) is provided and fixes the distance between them.

IPC 1-7  
**F28F 9/00**

IPC 8 full level  
**F28F 9/00** (2006.01)

CPC (source: EP)  
**F28F 9/001** (2013.01); **F28F 9/002** (2013.01); **F28F 2275/085** (2013.01)

Cited by  
US7465335B2; CN104812607A; FR2935474A1; FR2847970A1; US9849774B2; WO2014048931A3; WO2010023050A3; EP3205969B1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0932010 A2 19990728; EP 0932010 A3 20000712; EP 0932010 B1 20030416**; DE 19802278 A1 19990729; DE 59905017 D1 20030522

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**EP 99100340 A 19990113**; DE 19802278 A 19980122; DE 59905017 T 19990113