

Title (en)  
Heat exchanger.

Title (de)  
Wärmeaustauscher.

Title (fr)  
Echangeur de chaleur.

Publication  
**EP 0223995 A2 19870603 (DE)**

Application  
**EP 86114069 A 19861010**

Priority  
• DE 8530313 U 19851025  
• DE 8601296 U 19860120

Abstract (en)  
[origin: US4738311A] A heat exchanger for use for example in a laundry dryer comprises a plurality of plates defining flow passages therebetween for a first heat exchange medium. Each plate is made up of a plurality of aluminum elements having mutually co-operating positive and negative profilings at their narrow sides, to fit snugly together. The plates are held at a spacing from each other in grooves in end wall members forming a holding assembly. A second heat exchange medium flows through the hollow interiors of the elements making up the plates. The hollow interiors have web portions therein, to enhance heat flow between the first and second heat exchange media.

Abstract (de)  
Wärmeaustauscher z.B. für Wäschetrockner, bei dem hohle Aluminiumprofile (1), die an ihren Schmalseiten positive (2) bzw. negative Profilierungen (3) besitzen, zu größeren Platten zusammengesetzt werden, die dann im Abstand voneinander in Nuten (14, 16) von einer Halterung bildenden Profileisen (8, 9) eingesteckt werden.

IPC 1-7  
**F28D 9/02**

IPC 8 full level  
**F28D 9/00** (2006.01); **F28D 9/02** (2006.01); **F28F 3/12** (2006.01); **F28F 9/00** (2006.01)

CPC (source: EP US)  
**F28D 9/0062** (2013.01 - EP US); **F28D 9/0081** (2013.01 - EP US); **F28F 9/02** (2013.01 - EP US); **F28F 21/067** (2013.01 - EP US); **F28F 2275/025** (2013.01 - EP US)

Cited by  
EP0336407A1; US11585605B2; DE4029096A1; DE4029096C2; EP0874210A2; US11920517B2; US11885573B2

Designated contracting state (EPC)  
AT CH DE FR GB IT LI

DOCDB simple family (publication)  
**US 4738311 A 19880419**; DE 3668370 D1 19900222; EP 0223995 A2 19870603; EP 0223995 A3 19870930; EP 0223995 B1 19900117

DOCDB simple family (application)  
**US 91979086 A 19861016**; DE 3668370 T 19861010; EP 86114069 A 19861010