

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

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