

Title (en)
A heat exchanger.

Title (de)
Wärmetauscher.

Title (fr)
Echangeur de chaleur.

Publication
EP 0097726 A1 19840111 (EN)

Application
EP 82105574 A 19820624

Priority
EP 82105574 A 19820624

Abstract (en)
An internally manifolded plate (10), for a plate/fin-type heat exchanger comprises a side port, (14) contiguous with and transverse to at least one channel (20), and wherein the channel is contiguous with an end port (24). The plate may be of unibody construction and also include integral side and end external manifolds.

IPC 1-7
F28F 3/08; **F28D 9/00**

IPC 8 full level
F28D 9/00 (2006.01)

CPC (source: EP)
F28D 9/0012 (2013.01); **F28D 9/0018** (2013.01); **F28D 9/005** (2013.01)

Citation (search report)

- [X] US 3818984 A 19740625 - NAKAMURA K, et al
- [X] EP 0044561 A2 19820127 - MUANYAGIPARI KUTATO INTEZET [HU]
- [X] DE 2706253 A1 19780817 - ROSENTHAL TECHNIK AG
- [X] GB 1048122 A 19661109 - NICHOLSON TERENCE PETER
- [A] GB 327377 A 19300403 - RICHARD SELIGMAN
- [A] DE 143252 C
- [A] GB 743201 A 19560111 - WILLIAM HELMORE
- [A] US 3613782 A 19711019 - MASON JOHN L, et al
- [A] US 1662870 A 19280320 - STANCLIFFE CECIL W

Cited by
EP0206067A1; DE3522095A1; EP2510288A4; US6085832A; EP0202981A1; FR2580794A1; CN115183611A; WO9629558A1

Designated contracting state (EPC)
BE CH DE FR GB LI NL SE

DOCDB simple family (publication)
EP 0097726 A1 19840111; **EP 0097726 B1 19890913**; DE 3279938 D1 19891019

DOCDB simple family (application)
EP 82105574 A 19820624; DE 3279938 T 19820624