

Title (en)
HEAT EXCHANGERS

Publication
EP 0062518 A3 19830406 (EN)

Application
EP 82301768 A 19820402

Priority
GB 8110583 A 19810403

Abstract (en)
[origin: EP0062518A2] 1. A heat exchanger comprising a casing (1), means (33) in the casing defining first and second fluid flowpaths, and a fluid inlet (42) and a fluid outlet (10, 31) associated with each of the said flowpaths, the said flowpath-defining means including a plurality of substantially parallel flat plates (50, 51), each of the said plurality of plates having a portion of its periphery (53) bent towards a first side of the plate, and an adjacent portion (55) of its periphery bent towards an opposite side of the said plate, the said peripheral portions of the plates serving to connect the plates to at least one adjacent plate (57), each of the said plates including a notch (61) intermediate the said peripheral portions, and the heat exchanger including a sealing bar (58) accommodated in the notches (61) of the said plates for preventing mixing of the said first and second fluid flowpaths.

IPC 1-7
F28D 21/00; F28F 3/08

IPC 8 full level
F28D 9/00 (2006.01); **F28D 21/00** (2006.01); **F28F 3/08** (2006.01); **F28F 9/00** (2006.01)

CPC (source: EP)
F28D 9/0037 (2013.01); **F28D 21/0008** (2013.01); **F28F 3/083** (2013.01); **F28F 9/001** (2013.01); **F28F 2230/00** (2013.01)

Citation (search report)

- [X] CH 105787 A 19240801 - HABER EUGEN [DE]
- [Y] US 1692562 A 19281120 - MOSHER CHARLES D
- [X] FR 2318398 A1 19770211 - MUTERS AB CARL [SE]
- [A] US 1734962 A 19291112 - EARLE CLARKE CHARLES WARRINGTO
- [A] GB 232091 A 19250416 - WILLIAM MILLS CONNERY
- [A] GB 822421 A 19591028 - W J FRAZER & CO LTD
- [A] FR 2267533 A1 19751107 - MELDEM CHARLES [CH]
- [A] GB 2033569 A 19800521 - KNOWLES W G C

Cited by
CN110461464A; EP0449783A3; US7147050B2; NL1007552C2; AU752390B2; EP0230982A3; EP1435504A1; CN103119389A; WO9937965A1; WO2011148216A1

Designated contracting state (EPC)
AT BE DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0062518 A2 19821013; EP 0062518 A3 19830406

DOCDB simple family (application)
EP 82301768 A 19820402