

Title (en)

Fluid-dynamic device, particularly for heat exchange.

Title (de)

Fluiddynamische Vorrichtung, insbesondere für Wärmeaustausch.

Title (fr)

Appareil pour un fluide dynamique, particulièrement pour échange de chaleur.

Publication

EP 0519886 A1 19921223 (EN)

Application

EP 92830320 A 19920617

Priority

- IT RM910434 A 19910618
- IT RM910706 A 19910920

Abstract (en)

Fluid-dynamic device (11), particularly for thermal exchange, comprising a thermally conductive body (2), along at least one surface of which a fluid flows at any speed, said surface having series of shapes (3,4,19,19',19'') formed in such a way as to generate an induced turbulence in said fluid and to disturb the formation of boundary layers on said surface. <IMAGE>

IPC 1-7

F28F 1/14; **F28F 13/02**; **F28F 13/18**

IPC 8 full level

F28F 1/14 (2006.01); **F28F 13/02** (2006.01); **F28F 13/18** (2006.01)

CPC (source: EP)

F28F 1/14 (2013.01); **F28F 13/02** (2013.01); **F28F 13/185** (2013.01)

Citation (search report)

- [X] US 4438807 A 19840327 - MATHUR ACHINT P [US], et al
- [X] US 4425696 A 19840117 - TORNIAINEN MATTI J [US]
- [X] GB 2001160 A 19790124 - CARRIER CORP
- [X] EP 0207677 A1 19870107 - IBM [US]
- [A] FR 2137153 A1 19721229 - SAF STE ARTISTIQUE FSE
- [A] US 4059147 A 19771122 - THORNE JOHN K

Cited by

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Designated contracting state (EPC)

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