

Title (en)  
HEAT EXCHANGE APPARATUS

Publication  
**EP 0025881 A3 19810520 (DE)**

Application  
**EP 80104972 A 19800821**

Priority  
DE 2938055 A 19790920

Abstract (en)  
[origin: EP0025881A2] The apparatus serves for heat exchange between two fluid currents of different temperatures. The fluid currents are guided through mutually separated guide channels (1, 2), which are penetrated perpendicularly by a multi-row matrix (8) of heating tubes (7). The matrix (8) is arranged on a polygon, and the fluid currents flow around it radially with respect to this polygon. <IMAGE>

IPC 1-7  
**F28D 15/00**

IPC 8 full level  
**F28D 15/04** (2006.01)

CPC (source: EP)  
**F28D 15/04** (2013.01)

Citation (search report)  

- DE 739991 C 19431009 - WILHELM PFEIFFER
- DE 734304 C 19430412 - MESSERSCHMITT BOELKOW BLOHM
- US 3633665 A 19720111 - FRANCE DAVID M, et al
- DE 2804106 A1 19780803 - FURUKAWA ELECTRIC CO LTD
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Designated contracting state (EPC)  
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**EP 0025881 A2 19810401; EP 0025881 A3 19810520**; DE 2938055 A1 19810402; ES 495205 A1 19810716; ZA 805761 B 19810930

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**EP 80104972 A 19800821**; DE 2938055 A 19790920; ES 495205 A 19800919; ZA 805761 A 19800918