

Title (en)  
Heat exchanger.

Title (de)  
Wärmetauscher.

Title (fr)  
Echangeur de chaleur.

Publication  
**EP 0068529 A1 19830105 (EN)**

Application  
**EP 82200639 A 19820525**

Priority  
GB 8119137 A 19810622

Abstract (en)  
A heat exchanger provided with a series of heat exchange tubes 3, comprises a separator chamber 5, a supply 4 for a gas/liquid mixture to the separator chamber 5 and a series of conduits 6, each conduit 6 forming a fluid communication between the separator chamber 5 and a corresponding heat exchange tube 3. For obtaining a uniform distribution of liquid over the heat exchange tubes 3, the separator chamber is provided with at least one gutter 7, 8 for collecting liquid, extending along the series of conduits 6, and means 9 for causing liquid from the gutter(s) 7, 8 to flow to each gas stream passing through a conduit of the series of conduits 6.

IPC 1-7  
**F28F 27/02**

IPC 8 full level  
**F28F 9/02** (2006.01); **F28F 9/22** (2006.01); **F28F 27/02** (2006.01)

CPC (source: EP)  
**F28F 9/0282** (2013.01)

Citation (search report)

- [X] FR 2317534 A1 19770204 - ATLANTIC RICHFIELD CO [US]
- [X] GB 2000688 A 19790117 - SCHMITZ KUEHLER BAIERBRUNN
- [X] US 2193696 A 19400312 - RAMSAUR WALTER R
- [A] CH 402026 A 19651115 - KUEHNI APPARATEBAU AG [CH]
- [A] US RE20964 E 19390103
- [A] GB 1163288 A 19690904 - ZEITZ HYDRIERWERK [DE]
- [A] DE 2642683 A1 19770331 - SNAM PROGETTI
- [A] US 2220595 A 19401105 - ANDERSEN SOREN K
- [A] US 2196858 A 19400409 - GLEASON THOMAS C

Cited by  
EP0141029A3; GB2366363A; GB2366363B

Designated contracting state (EPC)  
DE FR IT NL

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