

Title (en)

Heat exchanger.

Title (de)

Wärmeaustauscher.

Title (fr)

Echangeur de chaleur.

Publication

**EP 0155772 A1 19850925 (EN)**

Application

**EP 85301197 A 19850222**

Priority

GB 8406530 A 19840313

Abstract (en)

The tendency towards the disadvantageous phenomenon known as flooding in refluxing heat exchangers of the so-called plate-fin kind is reduced or avoided by providing at least some of the primary passages with means such as a surface extending downwardly from the bottom of the passage for lowering the droplet forming zone for any liquid flowing down the wall of the passage to a level at which droplet formation does not constrict the opening into the passage.

IPC 1-7

**F28F 13/04**; **F25B 39/04**

IPC 8 full level

**F28F 3/08** (2006.01); **F28B 1/00** (2006.01); **F28B 9/08** (2006.01); **F28F 3/02** (2006.01); **F28F 3/06** (2006.01)

CPC (source: EP)

**F28B 1/00** (2013.01); **F28B 9/08** (2013.01); **F28D 9/0062** (2013.01); **F28F 3/025** (2013.01)

Citation (search report)

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- [A] GB 1565817 A 19800423 - HISAKA WORKS LTD
- [A] DE 2111026 B1 19720803 - LINDE AG
- [A] PETRO-CHEM. ENGINEER, vol. 39, no. 9, August 1967, pages 25-26, Dallas, US; H.J.MIKUS: "Heat exchanger use"

Cited by

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Designated contracting state (EPC)

BE DE FR

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**EP 0155772 A1 19850925**; GB 2155610 A 19850925; GB 8406530 D0 19840418; JP S60213797 A 19851026

DOCDB simple family (application)

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