

Title (en)

Heat exchanger with a guided flow.

Title (de)

Wärmetauscher mit zwangsgeführter Strömung.

Title (fr)

Echangeur de chaleur avec un écoulement guidé.

Publication

EP 0571656 B1 19950802 (DE)

Application

EP 92116596 A 19920929

Priority

- EP 92116596 A 19920929
- EP 92108739 A 19920523
- US 6350393 A 19930518

Abstract (en)

[origin: EP0571656A1] The inner circuit of a heat exchanger having a cylindrical housing (1) is formed by a shell-and-tube system in order to achieve defined flows. Flexible rods (10) are inserted into the tubes (6). Helical elements (12) which effect a spiral flow around the tube bunch (bundle) are inserted into the outer circuit transverse to the longitudinal axis of the housing. <IMAGE>

IPC 1-7

F28F 13/12

IPC 8 full level

F28F 9/24 (2006.01); **F28F 13/12** (2006.01)

CPC (source: EP)

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Cited by

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Designated contracting state (EPC)

DE

DOCDB simple family (publication)

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