

Title (en)
Tube nest support for heat exchangers.

Title (de)
Rohrtragitter für Wärmetauscher.

Title (fr)
Grille support pour faisceau de tubes d'échangeurs de chaleur.

Publication
EP 0122544 A1 19841024 (EN)

Application
EP 84103758 A 19840405

Priority
IT 2063083 A 19830415

Abstract (en)
The tube nest support comprises a modular grid formed from removably interlocked bars (13, 16, 22, 24...) some of which bearing with their ends on two parallel beams (1, 2) located at the periphery of the tube nest and being connected to the exchanger bearing structure, the bars (e.g. 13) which are located at either ends of each module being hingedly coupled to ear members (e.g. 14, 15) welded to the beams (1, 2), the grid mesh size being such as to allow the tubes (3, 4, 5) to pass therethrough in a loose fit relationship.

IPC 1-7
F28F 9/00

IPC 8 full level
F28F 9/013 (2006.01)

CPC (source: EP)
F28F 9/0136 (2013.01)

Citation (search report)

- [A] GB 1223045 A 19710217 - ALCATEL S A SOC [FR]
- [A] DE 2257095 A1 19730524 - WAAGNER BIRO AG
- [A] US 4359088 A 19821116 - JABSEN FELIX S
- [A] EP 0049691 A2 19820414 - SOLIGNO VINCENZO
- [A] GB 942323 A 19631120 - ATOMIC ENERGY AUTHORITY UK

Cited by
CN109883243A; US5642778A; US9651508B2

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
EP 0122544 A1 19841024; IT 1160788 B 19870311; IT 8320630 A0 19830415

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EP 84103758 A 19840405; IT 2063083 A 19830415