

Title (en)

Exchange tube support and securing assembly for tube exchanger

Title (de)

Austauschröhrenhalter und Sicherungsanordnung für Röhrenaustauscher

Title (fr)

Support de tube d'échange et ensemble de fixation pour échangeur de tube

Publication

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Application

EP 13152013 A 20130121

Priority

FR 1250688 A 20120124

Abstract (en)

The present invention relates to the field of the tube supports in heat exchangers used to exchange heat energy from one fluid to another without mixing them and its subject is more particularly a support for an exchange tube bundle forming, in a cutting plane, a mesh, said support (400) comprising a ring (40), wherein the ring (40) comprises fastening means making it possible to fasten, respectively, on either side of the cutting plane of the ring, a first set (41) of rods (410) and a second set (42) of rods (420), said rods (410, 420) each having a form which constitutes a median plane, the median planes of the first set (41) being parallel to one another and the median planes of the second set (42) being parallel to one another, the orientation of the median planes of the first set (41) and of the median planes of the second set (42) forming a first angle greater than zero.

IPC 8 full level

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CPC (source: EP US)

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Citation (applicant)

US 2009200004 A1 20090813 - JOHNSTON STEPHEN WAYNE [US], et al

Citation (search report)

- [X] EP 0224668 A1 19870610 - GUTEHOFFNUNGSHUETTE MAN [DE]
- [XA] FR 2211615 A1 19740719 - GUTEHOFFNUNGSHUETTE STERKRADE [DE]
- [XA] FR 2223650 A1 19741025 - SIEMENS AG [DE]

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (application)

EP 13152013 A 20130121; CN 201310026687 A 20130124; FR 1250688 A 20120124; RU 2013103026 A 20130123; US 201313746466 A 20130122