

Title (en)

Suspension arrangement for supporting a suspended heat exchanger

Title (de)

Aufhängungsgestell zum Abstützen eines hängenden Wärmetauschers

Title (fr)

Berceau de suspension pour supporter un échangeur pendentif

Publication

EP 0965810 A1 19991222 (FR)

Application

EP 99401069 A 19990503

Priority

FR 9807684 A 19980618

Abstract (en)

The suspension cradle for a heat exchanger, with a member (1) made up of a group of tubes (2) lying in the same plane and connected to a manifold (15), consists of main beams (3) parallel to and perpendicular to the manifold and a transverse support (14). The transverse support is in the form of a triangular beam made up of two frames (21,22) mounted point downwards, with the tube member supported between their lower sections.

IPC 1-7

F28F 9/013; **F22B 37/20**

IPC 8 full level

F22B 37/20 (2006.01); **F28F 9/013** (2006.01)

CPC (source: EP US)

F22B 37/202 (2013.01 - EP US); **F22B 37/207** (2013.01 - EP US); **F28F 9/013** (2013.01 - EP US)

Citation (search report)

- [A] US 3527261 A 19700908 - BIGLER BERNHARD, et al
- [A] US 4013024 A 19770322 - KOCHEY JR EDWARD L, et al
- [A] DE 1022599 B 19580116 - BABCOCK & WILCOX DAMPFKESSEL
- [A] EP 0800037 A2 19971008 - BURMEISTER & WAINS ENERGI [DK]

Designated contracting state (EPC)

AT BE DE DK ES GB GR IE IT

DOCDB simple family (publication)

EP 0965810 A1 19991222; **EP 0965810 B1 20030416**; AT E237789 T1 20030515; BR 9902294 A 20000314; DE 69906878 D1 20030522; DE 69906878 T2 20031224; ES 2192025 T3 20030916; FR 2780150 A1 19991224; FR 2780150 B1 20000804; US 6126120 A 20001003; ZA 994056 B 20000328

DOCDB simple family (application)

EP 99401069 A 19990503; AT 99401069 T 19990503; BR 9902294 A 19990617; DE 69906878 T 19990503; ES 99401069 T 19990503; FR 9807684 A 19980618; US 33460899 A 19990617; ZA 994056 A 19990618