

Title (en)

Supporting device for heat exchanger tubes.

Title (de)

Vorrichtung zur Unterstützung von Wärmetauscherröhren.

Title (fr)

Dispositif de support pour tubes d'échangeurs de chaleur.

Publication

**EP 0113439 A1 19840718 (EN)**

Application

**EP 83112191 A 19831205**

Priority

IT 2468582 A 19821210

Abstract (en)

The affected technical field is that of heat exchangers, and the invention relates to a tube supporting device therefor. The technical problem is that of providing a supporting device which can ensure substantial cancellation of the longitudinal forces transferred from the tubes to the header. The solution resides in a device which comprises a sleeve (2,17) associated to each tube, connected with the end of a connecting rod (5,20) hinged at the other end (6,21) to a carrier element constituted, for at least one connecting rod (5, 20), by the exchanger frame (9).

IPC 1-7

**F28F 9/00**

IPC 8 full level

**F28F 9/013** (2006.01)

CPC (source: EP)

**F28F 9/013** (2013.01); **F28F 2280/105** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

**EP 0113439 A1 19840718**; IT 1153396 B 19870114; IT 8224685 A0 19821210; IT 8224685 A1 19840610

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