

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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