

Title (en)

Tube bundle heat exchanger with a pipe support with integrated cleaning device

Title (de)

Rohrbündel Wärmeaustauscher mit einer Rohrabstützung mit integrierter Reinigungseinrichtung

Title (fr)

Échangeur de chaleur à faisceau de tubes avec un support de tube doté d'un dispositif de nettoyage intégré

Publication

EP 1923652 B1 20160224 (DE)

Application

EP 07021545 A 20071106

Priority

DE 102006053812 A 20061115

Abstract (en)

[origin: EP1923652A2] The heat exchanger, of tube bundles, has distributors (22a-22c) inserted into the passages between the tubes (12). A cleaning medium flows through the hollow interior (30) of the distributors. Horizontal supports (26b), thinner than the spaces between neighboring tubes, hold the distributors in place between the tubes. The supports can be rotated into a vertical position (26'b) to remove the distributors from the tubular structure.

IPC 8 full level

F28F 9/013 (2006.01); **F28G 9/00** (2006.01)

CPC (source: EP)

F28F 9/0132 (2013.01); **F28G 9/00** (2013.01)

Citation (examination)

FR 1119437 A 19560620 - GREEN & SON LTD

Cited by

CN114152114A; CN117804253A; US10048012B2; WO2011003717A3

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DOCDB simple family (publication)

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