

Title (en)

MULTIPLE BANK FLATTENED TUBE HEAT EXCHANGER

Title (de)

RÖHRENWÄRMETAUSCHER MIT MEHREREN ABGEFLACHTEN RIPPEN

Title (fr)

ÉCHANGEUR DE CHALEUR À TUBES PLATS ET À FAISCEAUX MULTIPLES

Publication

EP 2956728 A1 20151223 (EN)

Application

EP 13814690 A 20131204

Priority

- US 201361764011 P 20130213
- US 2013073077 W 20131204

Abstract (en)

[origin: WO2014126634A1] A multiple bank, flattened tube, finned heat exchanger includes a first tube bank including a plurality of flattened heat exchange tube segments extending longitudinally and arrayed in spaced parallel relationship between a first manifold and a second manifold and a second tube bank including a plurality of flattened tube segments extending longitudinally and arrayed in spaced parallel relationship between a first manifold and a second manifold, the second tube bank disposed in spaced relationship with and behind the first tube bank. A folded fin is disposed between each set of adjacent heat exchange tube segments of the first and second tube banks. Each folded fin extends between a respective set of adjacent heat exchange tube segments of both the first tube bank and the second tube bank, spanning the spacing gap between the tube banks. A plurality of fin notches protrude outwardly from each folded fin into the spacing gap.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2014126634A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (application)

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