

Title (en)

MULTI-PASS AND MULTI-SLAB FOLDED MICROCHANNEL HEAT EXCHANGER

Title (de)

GEFALTETER MIKROKANALWÄRMETAUSCHER MIT MEHREREN DURCHGÄNGEN UND PLATTEN

Title (fr)

ÉCHANGEUR DE CHALEUR À MICRO-CANAUx PLIÉ À PASSAGES MULTIPLES ET PLAQUES MULTIPLES

Publication

EP 3221656 B1 20201028 (EN)

Application

EP 15797809 A 20151113

Priority

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- US 2015060607 W 20151113

Abstract (en)

[origin: WO2016081306A1] A heat exchanger is provided including a first manifold and a second manifold separated from one another. A plurality of tube segments arranged in a spaced parallel relationship fluidly couple the first and second manifold. The plurality of tube segments includes a bend defining a first slab and a second slab. The second slab is arranged at an angle to the first slab. The heat exchanger has a multi-pass configuration relative to an air flow including at least a first pass and a second pass. The first pass has a first flow orientation and the second pass has a second flow orientation. The second flow orientation is different from the first flow orientation.

IPC 8 full level

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