

Title (en)

FEEDING AND REMOVAL OF PIPE STREAMS WITH INTERIM TEMPERATURE IN COILED HEAT EXCHANGERS

Title (de)

ZUFUHR UND ENTNAHME VON ROHRSTRÖMEN MIT ZWISCHENTEMPERATUR BEI GEWICKELTEN WÄRMEÜBERTRAGERN

Title (fr)

AMENEE ET EXTRACTION D'ECOULEMENTS TUBULAIRES PAR TEMPERATURE INTERMEDIAIRE POUR DES ECHANGEURS DE CHALEUR A BOBINES

Publication

EP 3128278 B1 20180620 (DE)

Application

EP 15002356 A 20150806

Priority

EP 15002356 A 20150806

Abstract (en)

[origin: US2017038149A1] A heat exchanger for the indirect exchange of heat between a first fluid and a second fluid, the heat exchanger having a casing surrounding a casing chamber that accommodates the first fluid. A core tube may extend within the casing. A tube bundle is arranged in the casing chamber and has multiple tubes to accommodate the second fluid. The tubes are helically wound around a longitudinal axis of the chamber or around the core tube in a coil region extending from a lower coil end to an upper coil end. At least one tube is coiled only in a section of the coil region. Outside of the section of the coil region the at least one tube extends as a straight tube to the lower coil end, the upper coil end, or to both the lower coil end and the upper coil end.

IPC 8 full level

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CPC (source: CN EP US)

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