

Title (en)

SHELL AND TUBE HEAT EXCHANGER WITH IMPROVED ANTI-FOULING PROPERTIES

Title (de)

MANTEL-ROHR-WÄRMETAUSCHER MIT VERBESSERTEN BEWUCHSHEMMENDEN EIGENSCHAFTEN

Title (fr)

ÉCHANGEUR DE CHALEUR À COQUE ET À TUBES PRÉSENTANT DES PROPRIÉTÉS ANTISALISSURE AMÉLIORÉES

Publication

EP 2786085 A1 20141008 (EN)

Application

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Priority

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Abstract (en)

[origin: WO2013081536A1] A shell and tube heat exchanger (1) comprising a shell (2) having an inlet end- cap (3) attached to a first end (4) of the shell (2), wherein an outlet end-cap (5) is attached to a second end (6) of the shell (2) and a tube bundle (7) being housed within the shell (2), said tube bundle (7) including a plurality of parallel-spaced tubes (8) that traverse the interior of shell (2) from a first end to a second end of the tube bundle, and wherein a plurality of baffles (11) are arranged within the shell (2) supporting the parallel-spaced tubes (8) of the tube bundle (7). At least a part of the shell and tube heat exchanger is provided with a coating comprising silicon oxide, SiOx.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2013081536A1

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