

Title (en)

Heat Exchanger and Method for its Fabrication

Title (de)

Wärmetauscher und ein Verfahren zu dessen Herstellung

Title (fr)

Échangeur de chaleur et méthode pour sa fabrication

Publication

EP 1876391 B1 20090909 (DE)

Application

EP 06014059 A 20060706

Priority

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Abstract (en)

[origin: EP1876391A1] The heat exchanger (1) has a channel (3) and heat exchanger tubes (4) in a longitudinal direction, where a medium to be heated and a heating medium are flowable, respectively. The tubes are arranged between a distribution chamber (6) and a collection chamber (7), and are connected with the distribution and collection chambers over tube bottoms. The tubes are arranged as a circular tube bundle (5) with an unobstructed central region (10), and an outer redirecting unit is provided in the channel to produce cross-flow, which is directed to the central region, in the medium to be heated. An independent claim is also included for a method for manufacturing a heat exchanger.

IPC 8 full level

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CPC (source: EP)

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Cited by

US2014262174A1; KR20190076461A; EP2957852A1; CN103733011A; AU2012292997B2; US10914528B2; CN109000214A; US11454452B2; US9551537B2; WO2013020854A3

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