

Title (en)
A HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ÉCHANGEUR DE CHALEUR

Publication
EP 3819581 B1 20220907 (EN)

Application
EP 19461602 A 20191106

Priority
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Abstract (en)
[origin: EP3819581A1] A heat exchanger includes a core (110) and a housing (122) receiving the core (110). The core (110) includes sets of tubular elements (112a, 112b) and fluid flow passages (116). The fluid flow passages (116) sandwich at least one set of tubular elements (112a, 112b). The housing (122) includes a first and a second portion (122a) and (122b) and extending ribs (124a) and (124b) extending from at least one of a first and a second face (122c) and (122d) respectively. In the assembled configuration, the extending ribs (124a) and (124b) limit fluid flow through gap between the core (110) and the housing (122). At least one of first and second fins (118a) and (118b) disposed in respective first and second fluid flow passages (116a) and (116b) at extreme ends of the core (110) is deformed to disrupt fluid flow through respective first and second fluid flow passages (116a) and (116b).

IPC 8 full level
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CPC (source: EP)
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