

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMEÜBERTRAGER

Title (fr)
ÉCHANGEUR DE CHALEUR

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Abstract (en)
[origin: WO2017001147A1] The invention relates to a heat exchanger (1) having a first section (3), through which a first medium can flow, and a second section (5), through which a second medium can flow, wherein during operation a heat exchange takes place between the first and the second medium, wherein the first section (3) has an inlet chamber (7) and first pipes (9) connected to the inlet chamber, and an outlet chamber (13) and second pipes (15) connected to the outlet chamber (13), wherein the first pipes (9) are each closed at the ends (9a) facing away from the inlet chamber (7) and wherein each second pipe (15) is at least partly arranged inside one of the first pipes (9), and the end (15a) of the second pipe (15) that faces away from the outlet chamber (13) is open to the interior of the respective first pipe (9), wherein the second section (5) has an inlet means (19) and an outlet means (21), wherein the inlet means (19) opens into a heat exchanger chamber (27) and the heat exchanger chamber (27) at least partly surrounds first pipes (9) of the first section (3) and wherein the heat exchanger chamber (27) is connected to the outlet means (21). According to the invention the inlet means (19) have a shut-off device (41) for shutting off the fluid flow of the second medium into the heat exchanger chamber (27), and a bypass device (37) connects the inlet means (29) and the outlet means (21) to lead the fluid flow of the second medium at least partly past the heat exchanger chamber (27), wherein the shut-off device (41) is arranged downstream of the bypass device (37) in the flow direction of the second medium.

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