

Title (en)

HEAT EXCHANGER ARRANGEMENT WITH AT LEAST ONE MULTIPASS HEAT EXCHANGER

Title (de)

WÄRMEÜBERTRAGERANORDNUNG MIT WENIGSTENS EINEN MEHRPASS-WÄRMEÜBERTRAGER

Title (fr)

ENSEMBLE ÉCHANGEUR DE CHALEUR COMPRENANT AU MOINS UN ÉCHANGEUR DE CHALEUR À PLUSIEURS PASSAGES

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Application

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Abstract (en)

[origin: WO2020212155A1] The invention relates to a heat exchanger arrangement with at least one multipass heat exchanger which comprises: a) a first distributor (1) with a first connector piece (1a) for connection to a fluid line (9), b) a second distributor (2) with a second connector piece (2a) for connection to a fluid line (9'), c) a first diverting distributor (4), d) a second diverting distributor (6) e) and a third diverting distributor (8), f) and a multiplicity of pipelines (5) which can be flowed through by a fluid, in particular water, wherein i) the first distributor (2), the second distributor (2) and the third diverting distributor (8) are arranged at one end (A) of the heat exchanger arrangement and the first and the second diverting distributor (4, 6) are arranged at the opposite end (B), and the pipelines (5) extend from the one end (A) to the opposite end (B), ii) the first connector piece (1a) is arranged at a lowest point (T) or at least in the vicinity of the lowest point (T) of the first distributor (1) and the second connector piece (2a) is arranged at a highest point (T) or at least in the vicinity of the highest point (T) of the second distributor (2), iii) on the second distributor (2), a third connector piece (3) is arranged at a lowest point (H) or at least in the vicinity of the lowest point (H) of the second distributor (2), iv) and, on the third diverting distributor (8), a fourth connector piece (7) is arranged at a lowest point (H) or at least in the vicinity of the lowest point (H) of the third diverting distributor (8).

IPC 8 full level

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Citation (search report)

See references of WO 2020212155A1

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