

Title (en)

BANK FOR A HEATING ELEMENT, AND A HEATING ELEMENT COMPRISING SUCH A BANK

Title (de)

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Title (fr)

BATTERIES DE TUBES POUR UN RADIATEUR DE CHAUFFAGE ET RADIATEUR DE CHAUFFAGE MUNI DE BATTERIES DE TUBES DE CE TYPE

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Application

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Abstract (en)

[origin: WO2015082984A1] The invention relates to a pipe bank (RR) for a heat exchanger (WT), particularly a heating or a cooling element, through which a heat transfer medium can flow, comprising two distributor lines (1, 2) between which a plurality of connection pipes (3) extend to fluidically connect the first distributor line, also called the flow distributor (1), to the second distributor line, also called the return flow distributor (2), said pipe bank comprising a linear flow distributor (1) and a linear return flow distributor (2) running in parallel, between which a plurality of connection pipes (3) which are arranged on a plane extend, each of the first ends (3a) of said connection pipes (3) being fluidically connected to the flow distributor (1) and each of the second ends (3b) of the connection pipes (3) being fluidically connected to the return flow distributor (2). The invention is characterised in that the connection points (P1) between the flow distributor (1) and the connection pipes (3) are arranged on the flow distributor (1) so as to be eccentric relative to the central axis (M1) of said flow distributor (1), and in that the connection points (P2) between the return flow distributor (2) and the connection pipes (3) are arranged on the return flow distributor (2) so as to be eccentric relative to the central axis (M2) of said return flow distributor (2).

IPC 8 full level

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