

Title (en)  
ARRANGEMENT FOR CONTROLLING THE TEMPERATURE OF A FLUID

Title (de)  
ANORDNUNG ZUR FLUIDTEMPERIERUNG

Title (fr)  
SYSTÈME DE THERMORÉGULATION D'UN FLUIDE

Publication  
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Application  
**EP 17724000 A 20170516**

Priority  
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• EP 2017061705 W 20170516

Abstract (en)  
[origin: WO2018041424A1] An arrangement for controlling the temperature of a fluid is described, which comprises a heat exchange surface (16), an inlet conduit arrangement (20) for supplying a fluid inflow (122) to the heat exchange surface (16) in a main inlet conduit (22), and a return conduit arrangement (40) having a main return conduit (42) for carrying a fluid return flow (142) away from the heat exchange surface (16). The inlet conduit arrangement (20) has a plurality of supply sections (24), which are fluidically connected to the main inlet conduit (22) and through which the fluid flow is directed at an angle onto the heat exchange surface (16) in a plurality of spatially separate partial fluid inflows (124). The arrangement is characterized in that, in a region interacting with the heat exchange surface (16), the return conduit arrangement (40) comprises draining sections (44), which are configured and arranged in such a way that partial fluid outflows (144) carried away from the heat exchange surface (16) are carried therein spatially separately from the partial fluid inflows (124).

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