

Title (en)
CONTINUOUS FLOW HEATER FOR HEATING A FLUID

Title (de)
DURCHLAUFERHITZER ZUM ERWÄRMEN EINER FLÜSSIGKEIT

Title (fr)
CHAUFFE-EAU INSTANTANÉ POUR RÉCHAUFFER UN LIQUIDE

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Application
EP 19160083 A 20190228

Priority
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Abstract (en)
[origin: CN111623524A] The invention relates to a continuous flow heater for heating a liquid. The continuous flow heater comprises: a base body having a plurality of flow channels, wherein at least two of the channels extend on at least one end side of the base body in the base body under the condition of forming channel openings; and at least one cover part which is detachably arranged on the end side in a sealing manner under the condition that a sealed steering bridging channel is formed between the associated channel openings. The end side and the cover part are provided with sealing device recesses which are constructed and arranged for accommodating sealing devices. Each of the sealing device recesses is arranged between a sealing surface inside the channel and a sealing surface outside the channel; the sealing surfaces of the end side of the base body and the outside of the channel of the cover part are arranged in such a way that they lie against each other in a planar sealing manner; the sealing surfaces on the end side of the base body and on the inside of the channel of the cover part are spaced apart from each other with a sealing gap left therebetween.

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Citation (examination)
• FR 2803372 B3 20011221 - WU CHIA HSIUNG [TW]
• CN 106160430 B 20200403
• US 2017295613 A1 20171012 - KIM RAKGYUN [KR], et al
• EP 1884383 B1 20100915 - BEHR FRANCE ROUFFACH SAS [FR]
• EP 2330865 B1 20151021 - EBERSPAECHER CATEM GMBH & CO [DE]

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