

Title (en)  
FLUID HEATING DEVICE

Title (de)  
FLÜSSIGKEITSHEIZGERÄT

Title (fr)  
DISPOSITIF DE CHAUFFAGE DE FLUIDE

Publication  
**EP 3982055 B1 20230927 (EN)**

Application  
**EP 20201406 A 20201012**

Priority  
EP 20201406 A 20201012

Abstract (en)  
[origin: EP3982055A1] A heating device for heating a fluid, comprising a heating element (1), a first dissipating element (2) and a first casing (4), having a substantially tubular shape, which encloses said first dissipating element (2) and, at least partially, said heating element (1), said first dissipating element (2), said heating element (1) and said first casing (4) being positioned so that said first dissipating element (2), substantially shaped as an helicoid and placed around said heating element (1), is in contact with said heating element (1) and with said first casing (4) so that they define a first channeling path for the fluid to be heated by means of the heat produced by the heating element (1), characterized in that said dissipating element (2) is built integrally, or in one piece, with said heating element (1).

IPC 8 full level  
**F24H 1/43** (2022.01); **H05B 3/42** (2006.01)

CPC (source: EP)  
**F24H 1/102** (2013.01); **F24H 1/165** (2013.01); **F24H 9/0021** (2013.01); **H05B 3/42** (2013.01); **H05B 2203/021** (2013.01)

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**EP 3982055 A1 20220413; EP 3982055 B1 20230927; EP 3982055 C0 20230927**

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