

Title (en)  
CONTINUOUS-FLOW HEATER

Publication  
**EP 0021106 B1 19820915 (DE)**

Application  
**EP 80103006 A 19800529**

Priority  
DE 7916927 U 19790612

Abstract (en)  
[origin: EP0021106A2] 1. A flow-type heater comprising heating elements (1) which are made of cold-conducting material and which, together with current supply electrodes (2) covering said heating elements on both sides thereof and electrical insulation (3) covering the supply electrodes, are packed into a thin-walled tubular jacket (4, 12) which is arranged within a carrier (7a, 7b, 14) which contains at least two channels (8, 8a ; 16, 16a) which run parallel to the tubular jacket, and through which the medium to be heated can flow, characterized in that sections of the tubular jacket (4, 12) in each case form a wall of the channels (8, 8a ; 16, 16a) ; that before and after the tubular jacket (4, 12), the channels (8, 8a ; 16, 16a) merge into a single flow section as well as having a cross-section for a thin fuel oil stream which is small in amount.

IPC 1-7  
**F24H 1/10**

IPC 8 full level  
**F23K 5/20** (2006.01); **F24H 1/10** (2006.01)

CPC (source: EP)  
**F23K 5/20** (2013.01); **F24H 1/102** (2013.01)

Cited by  
FR2770621A1; EP0198414A3; FR2796134A1; AT386892B; EP0104673A3; EP0106450B1

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