

Title (en)  
ELECTRICAL CONTINUOUS-FLOW HEATER

Publication  
**EP 0281995 A3 19900704 (DE)**

Application  
**EP 88103596 A 19880308**

Priority  
DE 3707967 A 19870312

Abstract (en)  
[origin: EP0281995A2] An electrical continuous-flow heater, particularly for connection to a three-phase supply. Such a continuous-flow heater is fitted with a multi-pin functional switching-contact device, which closes the heating circuit at the start of the engagement process, and a safety switching device which interrupts all the pins of the heating circuit. In order to reduce the design complexity for both switching devices, the functional switching-contact device (3) and the safety switching device (12) are combined into a single switching or structural unit, a common double snap-spring contact arrangement being provided for both switching devices. This measure permits a compact, space-saving design of the two switching devices which are used for connecting the heating circuit of a continuous-flow heater to a three-phase supply. <IMAGE>

IPC 1-7  
**H01H 37/00**; **F24H 9/20**; **H01H 35/24**

IPC 8 full level  
**F24H 9/20** (2006.01); **H01H 35/24** (2006.01); **H01H 37/00** (2006.01); **H01H 5/18** (2006.01); **H01H 9/00** (2006.01)

CPC (source: EP US)  
**F24H 9/2028** (2013.01 - EP US); **H01H 35/24** (2013.01 - EP); **H01H 37/002** (2013.01 - EP); **H01H 5/18** (2013.01 - EP); **H01H 9/0072** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)  
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**EP 0281995 A2 19880914**; **EP 0281995 A3 19900704**; DE 3707967 A1 19880922

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