

Title (en)  
IMPROVEMENT IN A FLUID HEATING MEANS

Title (de)  
VERBESSERUNG EINES FLUIDHEIZMITTELS

Title (fr)  
MOYEN DE CHAUFFAGE DE FLUIDE AMELIORE

Publication  
**EP 1766297 B1 20081217 (EN)**

Application  
**EP 05740061 A 20050426**

Priority  
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• IT PN20040033 A 20040513

Abstract (en)  
[origin: WO2005114062A1] Space-heating radiator with an outer casing containing a fluid to be heated, an electric heating element, a connection fitting applied on the outside of the casing for the power-supply wires to pass therethrough, a TRIAC for controlling the current on the heating element, a heat-sink means for dissipating the heat generated by the TRIAC, a set of TRIAC driving circuits, in which the heat-sink means is at least partially in a tight contact with said connection fitting, so as to provide a direct heat-exchange relationship therewith, and said TRIAC-based control means is applied on a portion of the outer surface of said heat-sink means. This heat-sink means is a metal plate, an end portion of which is formed in a ring-like shape and is applied around said connection fitting; as an alternative thereto, the TRIAC-based control means and the heat-sink means are positioned within the connection fitting.

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