

Title (en)  
Heating element, more particularly radiator

Title (de)  
Heizkörper, insbesondere Radiator

Title (fr)  
Corps de chauffe, en particulier radiateur

Publication  
**EP 0798526 A3 19990310 (DE)**

Application  
**EP 97105064 A 19970325**

Priority  
DE 29605634 U 19960327

Abstract (en)  
[origin: EP0798526A2] The radiator consists of at least one heating body block and a collector tube with heating tubes (2) of varying dia. It has deformation preventers (9) to counter the pressure load in the interior of the heating tubes. The deformation preventers may be separate parts inserted into the heating tubes. Such inserted parts may be of zigzag shape with rounded tips. They may be welded or soldered to the heating tubes, possibly by spot welds or solders in the vicinity of the rounded tips. Alternatively, the deformation preventers may be in the form of webs fixed permanently inside the tubes.

IPC 1-7  
**F28D 1/03**; **F28F 1/02**

IPC 8 full level  
**F28D 1/03** (2006.01); **F28D 1/053** (2006.01); **F28F 3/02** (2006.01)

CPC (source: EP)  
**F28D 1/0308** (2013.01); **F28D 1/05366** (2013.01); **F28F 3/025** (2013.01); **F28F 2009/0297** (2013.01); **F28F 2225/04** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
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**DE 29605634 U1 19960801**; EP 0798526 A2 19971001; EP 0798526 A3 19990310

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**DE 29605634 U 19960327**; EP 97105064 A 19970325