

Title (en)  
Pressurized heating cartridge

Title (de)  
Verdichtete Heizpatrone

Title (fr)  
Cartouche chauffante comprimée

Publication  
**EP 1748679 B1 20111109 (DE)**

Application  
**EP 06012918 A 20060623**

Priority  
DE 202005011686 U 20050726

Abstract (en)  
[origin: US2007023418A1] A cartridge heater, especially a compressed cartridge heater ( 1 ) has at least one heating coil ( 8, 9 ), which is arranged exposed in a metallic tubular body ( 2 ) and is embedded in a granulated insulating material. The ends of heating coil portions ( 8, 9 ) are provided with terminals ( 7 ) projecting from the tubular body ( 2 ). To make it possible to manufacture such a cartridge heater with minimal effort in terms of labor and material, a flat insulating plate ( 10 ) coordinated in its width with the internal diameter of the tubular body ( 2 ) is provided as the carrier. The heating coils ( 8, 9 ) extend along the two flat sides of the insulating plate ( 10 ) and the two heating coils ( 8, 9 ) are connected to one another by a coil section ( 12, 12' ), which is led around a deflecting edge ( 27 ) of the insulating plate ( 10 ).

IPC 8 full level  
**H05B 3/04** (2006.01); **H05B 3/42** (2006.01); **H05B 3/44** (2006.01); **H05B 3/48** (2006.01)

CPC (source: EP US)  
**H05B 3/04** (2013.01 - EP US); **H05B 3/44** (2013.01 - EP US); **H05B 3/48** (2013.01 - EP US)

Cited by  
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