

Title (en)  
ELECTRICAL HEATING CARTRIDGE

Title (de)  
ELEKTRISCHE HEIZPATRONE

Title (fr)  
CARTOUCHE DE CHAUFFAGE ÉLECTRIQUE

Publication  
**EP 2966933 B1 20200429 (DE)**

Application  
**EP 15176245 A 20150710**

Priority  
DE 102014109720 A 20140710

Abstract (en)  
[origin: US2016014844A1] An electric heater (100, 200, 300, 400, 500, 600) includes a metal sheath (101, 201, 301, 401, 501, 601) defining an interior space, an electric heating element, arranged in the interior space, an insulating material filling and electric terminals. At least one electric terminal is a plug contact (108, 109, 208, 209, 308, 309, 408, 409, 508, 509, 608, 609) made in one piece, which has a section (108b, 109b, 208b, 209b, 308b, 309b, 508b, 509b, 608a, 609b) arranged in the interior space with a contact point (110, 111, 210, 211, 310, 311), which is arranged in the interior space and at which the plug contact is connected conductively to the electric heating element directly or via an auxiliary wire (212, 213, 312, 313, 612, 613). A process for manufacturing such an electric heater is provided.

IPC 8 full level  
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CPC (source: EP US)  
**H01F 27/2823** (2013.01 - US); **H01R 4/18** (2013.01 - US); **H01R 24/38** (2013.01 - US); **H01R 43/02** (2013.01 - US); **H01R 43/048** (2013.01 - US); **H01R 43/16** (2013.01 - US); **H01R 43/24** (2013.01 - US); **H05B 3/0014** (2013.01 - US); **H05B 3/06** (2013.01 - EP US); **H05B 3/08** (2013.01 - EP US); **H05B 3/42** (2013.01 - EP US); **H05B 3/48** (2013.01 - EP US); **H05B 3/50** (2013.01 - EP US); **H05B 3/52** (2013.01 - US); **H01R 2103/00** (2013.01 - US); **H05B 2203/012** (2013.01 - EP US); **H05B 2203/014** (2013.01 - EP US); **H05B 2203/016** (2013.01 - EP US); **H05B 2203/017** (2013.01 - EP US)

Cited by  
US2018235032A1; DE102018104896B4

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DOCDB simple family (publication)  
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