

Title (en)

Heating element for initiating pyrotechnical charges

Title (de)

Heizelement zum Zünden pyrotechnischer Ladungen

Title (fr)

Élément chauffant pour amorcer une charge pyrotechnique

Publication

EP 1443298 B1 20071010 (DE)

Application

EP 04100151 A 20040119

Priority

AT 1172003 A 20030128

Abstract (en)

[origin: EP1443298A1] Heating element for igniting pyrotechnical charges comprises a structured resistance layer arranged on a base body, and contact fields arranged in an overlapping manner on the two ends of the resistance path. The heating element has a weight of 1.0×10^{-9} - 4.0×10^{-9} kg, a specific resistance of 1×10^{-6} - 2×10^{-6} Ω m, and a specific heat capacity of 100-400 W/(kgK). An independent claim is also included for the production of the above heating element comprising pressing glass or a glass ceramic in a screen printing process on a base body, and drying and sintering the base body.

IPC 8 full level

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CPC (source: EP US)

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