

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  $1.0 \times 10^{-9}$ - $4.0 \times 10^{-9}$  kg, a specific resistance of  $1 \times 10^{-6}$ - $2 \times 10^{-6}$   $\Omega$  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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