

Title (en)

MULTI-COMPOSITION PYROTECHNIC GRAIN AND RELATED METHOD OF FORMING

Title (de)

PYROTECHNISCHES KORN MIT MEHREREN ZUSAMMENSETZUNGEN UND ZUGEHÖRIGES BILDUNGSVERFAHREN

Title (fr)

GRAIN PYROTECHNIQUE À COMPOSITIONS MULTIPLES ET SON PROCÉDÉ DE FORMATION

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Application

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Abstract (en)

[origin: WO2009023119A2] A multi-composition pyrotechnic material is provided for an inflatable restraint device (for example, an airbag system or pretensioner for a vehicle). The multi-composition pyrotechnic material can be a gas generant, a micro gas generant, or an igniter, for example. The multi-composition pyrotechnic material comprises a first pyrotechnic material that defines one or more void regions. A second pyrotechnic material, compositionally distinct from the first pyrotechnic material, is introduced into at least one of the void regions and forms a second region of the pyrotechnic materials. The second composition can be introduced to the void regions in the form of a slurry. Methods of forming such multi-composition pyrotechnic materials are also provided.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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