

Title (en)

GAS GENERATOR AND AUTO-IGNITING BOOSTER COMPOSITION

Title (de)

GASGENERATOR UND SELBSTZÜNDENDE BOOSTERZUSAMMENSETZUNG

Title (fr)

GENERATEUR DE GAZ ET COMPOSITION PYROTECHNIQUE A AUTO-AMORCAGE

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Application

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Abstract (en)

[origin: WO2005072432A2] The present invention generally relates to auto-ignition/booster compositions for inflators 10 of occupant restraint systems 180, for example. An auto-ignition/booster composition in accordance with the present invention includes an auto-ignition composition 17 combined with silicone. When uncured silicone is added to a mixture of the dry granulated constituents of both the auto-ignition and booster components, an extrudable or thixotropic mixture is produced. The uncured mixture may then be applied to any desired surface 21 within an associated gas generator 10 within a vehicle occupant protection system 180, for example, thereby simplifying gas generator 10 manufacture. A gas generating system 150, 200 incorporating the present composition 17 is also contemplated.

IPC 8 full level

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