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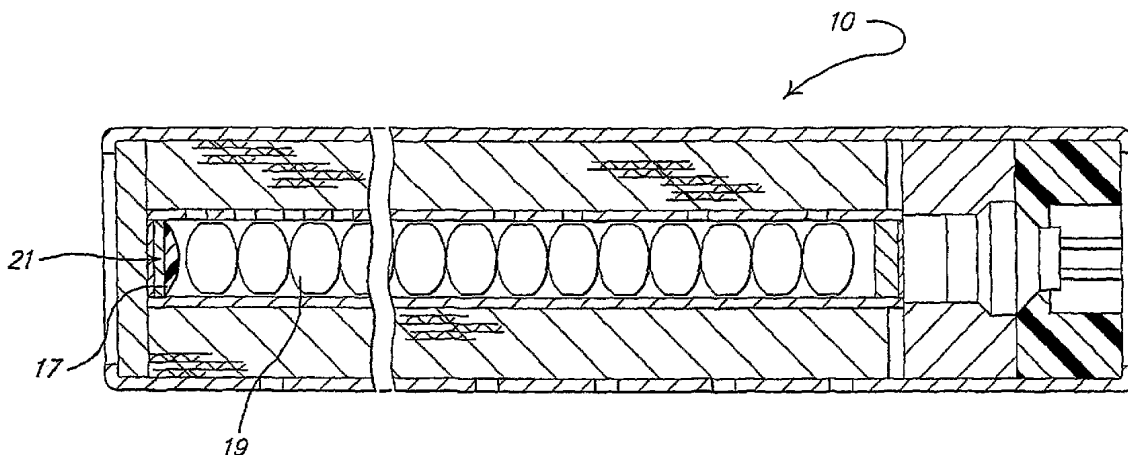
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(54) Title: GAS GENERATOR AND AUTO-IGNITING BOOSTER COMPOSITION



(57) Abstract: 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.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/03071

A. CLASSIFICATION OF SUBJECT MATTER

IPC: C06B 45/10(2007.01)

USPC: 149/19.2

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 149/19.2

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EAST text: silicone, autoignition

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,468,370 B1 (BLOMQUIST) 22 October 2002 (22.10.2002), col. 6	1-4
Y	US 5,750,922 A (SEEGER) 12 May 1998, (12.05.1998), col. 4, 5, and 8	1-4
Y	US 6,315,847 B1 (Lee et al) 13 November 2001 (13.11.2001), col. 3	1-4

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See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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