

Title (en)

Process for the production of solid non-toxic gas-generating charges and charges obtained thereby.

Title (de)

Verfahren zur Herstellung von nichttoxischen, gaserzeugenden Feststofftreibladungen und so hergestellte Treibladungen.

Title (fr)

Procédé de fabrication de charges de composition solide génératrice de gaz non toxiques et charges ainsi obtenues.

Publication

EP 0394103 B1 19940105 (FR)

Application

EP 90401004 A 19900412

Priority

FR 8905032 A 19890417

Abstract (en)

[origin: US4963202A] The present invention relates to a process for the manufacture of charges for generators of nontoxic cold gases based on alkali metal or alkaline-earth metal azide, molybdenum sulphide and sulphur. After being formed, the charges are heated to a temperature of between 120 DEG C. and 130 DEG C. for 5 to 20 minutes. After cooling, the charges thus treated exhibit mechanical properties which are greatly superior to those of the charges of identical nature which have not undergone the heat treatment according to the invention. The charges according to the invention find their preferred application in gas generators intended for motor car safety.

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IPC 8 full level

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DE

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EP 0394103 A1 19901024; **EP 0394103 B1 19940105**; DE 69005687 D1 19940217; DE 69005687 T2 19940707; FR 2645854 A1 19901019; FR 2645854 B1 19910614; JP H0365584 A 19910320; JP H0686348 B2 19941102; US 4963202 A 19901016

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EP 90401004 A 19900412; DE 69005687 T 19900412; FR 8905032 A 19890417; JP 9947990 A 19900417; US 50425890 A 19900404