

Title (en)

Nitrocellulose-free gas-generating composition

Title (de)

Nitrozellulosefreie gaserzeugende Zusammensetzung

Title (fr)

Composition génératrice de gaz exempt de nitrocellulose

Publication

EP 1275629 A3 20100922 (DE)

Application

EP 02014052 A 20020628

Priority

DE 20111410 U 20010710

Abstract (en)

[origin: US2003145926A1] A nitrocellulose-free, gas-generating composition for use in vehicle occupant restraint systems, in particular in a belt tensioner gas generator, substantially consists of at least one nitrogen-containing organic fuel in a proportion of 55 to 70% by weight, an inorganic oxidator in a proportion of 30 to 45% by weight, at least one combustion moderator in a proportion of up to 10% by weight and up to 5% by weight conventional adjuvants and additives, each in relation to the overall weight of the composition. The composition has a pressure exponent of less than 0.35 and a combustion rate at 200 bar of at least 40 mm/s.

IPC 8 full level

C06D 5/06 (2006.01); **C06B 23/00** (2006.01)

CPC (source: EP US)

C06B 23/007 (2013.01 - EP US); **C06D 5/06** (2013.01 - EP US)

Citation (search report)

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