

Title (en)  
Propellant charge body

Title (de)  
Treibladungskörper

Title (fr)  
Corps de charge propulsive

Publication  
**EP 2428762 A3 20141203 (DE)**

Application  
**EP 11007293 A 20110908**

Priority  
DE 102010045383 A 20100914

Abstract (en)  
[origin: EP2428762A2] The charge body (1) has a base body (1a) containing propellant charge medium and exhibiting diameter (d) lesser opposite to inner diameter (D) of a propellant charge chamber (10). Radial protrusions (2) are arranged in partial areas on a periphery of the base body for adapting radius (r) of the base body in the partial areas to inner radius (R) of the chamber. The protrusions in the form of ribs run diagonal to a longitudinal axis and a peripheral direction of the charge body. The base body is made of material i.e. hard foam e.g. polyurethane.

IPC 8 full level  
**F42B 5/38** (2006.01); **F42B 5/16** (2006.01); **F42B 5/18** (2006.01)

CPC (source: EP US)  
**F42B 5/16** (2013.01 - EP US); **F42B 5/182** (2013.01 - EP US); **F42B 5/38** (2013.01 - EP US)

Citation (search report)

- [XAY] DE 2651653 A1 19780518 - ODENBERG FRIEDRICH W
- [XY] US 3713395 A 19730130 - CARPENTER D, et al
- [Y] FR 2380529 A1 19780908 - SERAT [FR]
- [Y] DE 3815436 A1 19891116 - MUIDEN CHEMIE B V [NL], et al
- [Y] DE 69111944 T2 19960418 - OLIN CORP [US]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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RU 2011137702 A 20130320; RU 2580605 C2 20160410; US 2012060714 A1 20120315; US 8561541 B2 20131022; ZA 201106648 B 20120530

DOCDB simple family (application)  
**EP 11007293 A 20110908**; DE 102010045383 A 20100914; RU 2011137702 A 20110913; US 201113232497 A 20110914;  
ZA 201106648 A 20110912