

Title (en)  
Propulsive charges for big calibre projectiles.

Title (de)  
Treibladungen für grosskalibrige Geschosse.

Title (fr)  
Charges propulsives pour projectiles de gros calibre.

Publication  
**EP 0340761 B1 19940105 (DE)**

Application  
**EP 89108044 A 19890503**

Priority  
DE 3815436 A 19880506

Abstract (en)  
[origin: EP0340761A2] The present invention relates to propulsive charges for large- calibre projectiles. The propulsive charges can be used directly, without cartridges or sleeves of combustible material. In the said charges, the powder particles of the propulsive charge are bonded to one another by organic polymers in amounts of between 0.2 and 10% by weight. These polymers are preferably in the form of foams.

IPC 1-7  
**F42B 5/16; C06B 45/00**

IPC 8 full level  
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CPC (source: EP)  
**C06B 45/10** (2013.01); **F42B 5/16** (2013.01); **F42B 5/38** (2013.01)

Cited by  
FR2781878A1; AU672009B2; US6120626A; EP0794164A1; US5868424A; US6334917B1; US6176517B1; WO0008412A1

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