

Title (en)  
FRAGMENTATION BODY FOR GRENADES

Publication  
**EP 0196558 B1 19920812 (DE)**

Application  
**EP 86103781 A 19860320**

Priority  
AT 95485 A 19850401

Abstract (en)  
[origin: ES288272U] Fragmentation shell for grenades, particularly hand-grenades, consisting of a hollow body, the wall of which is made of metal particles embedded in plastic and which has a form stretched out of the spherical, e.g. an egg-shaped. The wall of the fragmentation shell in the transition zone between bottom surface and side surface and/or between shoulder surface and side surface has an axially symmetrical thickening, with an increased density of metal particles compared with the adjacent wall zones of the fragmentation shell.

IPC 1-7  
**F42B 12/32**; **F42B 27/00**

IPC 8 full level  
**F42B 12/20** (2006.01); **F42B 12/32** (2006.01); **F42B 27/00** (2006.01)

CPC (source: EP US)  
**F42B 12/20** (2013.01 - EP US); **F42B 12/32** (2013.01 - EP US); **F42B 27/00** (2013.01 - EP US)

Citation (examination)  
AT 357904 B 19800811 - OREGON ETS PATENTVERWERTUNG

Cited by  
RU2473043C2

Designated contracting state (EPC)  
BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0196558 A2 19861008**; **EP 0196558 A3 19870506**; **EP 0196558 B1 19920812**; AT 387281 B 19881227; AT A95485 A 19880515; CN 86102166 A 19870114; DE 3686342 D1 19920917; ES 288272 U 19860716; ES 288272 Y 19870401; GR 860806 B 19860721; MY 101517 A 19911130; US 4817532 A 19890404; ZA 862218 B 19861126

DOCDB simple family (application)  
**EP 86103781 A 19860320**; AT 95485 A 19850401; CN 86102166 A 19860331; DE 3686342 T 19860320; ES 288272 U 19850722; GR 860100806 A 19860327; MY PI19871835 A 19870922; US 17787088 A 19880401; ZA 862218 A 19860325