

Title (en)  
BASE WAD OF PLASTICS MATERIAL

Publication  
**EP 0147314 A3 19850807 (FR)**

Application  
**EP 84402665 A 19841220**

Priority  
FR 8320532 A 19831222

Abstract (en)  
[origin: EP0147314A2] 1. An obturator-base for medium-or large-caliber ammunition made of a non-metallic material with a modulus of elasticity ranging from 1000 to 10 000 MPascals, said base comprising a tubular portion (1) integral with the combustible case (10) of the ammunition, the case being engaged into the tubular portion and a rear disk (2) having an axial bore (4) intended to accommodate a primer-tube, characterized in that the front part of the tubular portion presenting a bevel (5) slanted from the inside to the outside, without any point of contact with the outer surface of the case, the bevel being applied to the wall of the case, the bevel being applied to the wall of the weapon barrel due to its deformation after the combustion of the case, so as to ensure the tightness of the ammunition at a low level of pressure.

IPC 1-7  
**F42B 5/313**

IPC 8 full level  
**F42B 5/18** (2006.01); **F42B 5/30** (2006.01); **F42B 5/313** (2006.01)

CPC (source: EP)  
**F42B 5/18** (2013.01); **F42B 5/181** (2013.01); **F42B 5/30** (2013.01)

Citation (search report)

- [X] US 4147107 A 19790403 - RINGDAL LARS
- [A] FR 328008 A 19030828 - BARRALLON ANTONY [FR]
- [Y] US 3705549 A 19721212 - QUINLAN JOSEPH B, et al
- [Y] US 3429260 A 19690225 - CORREN SIDNEY A
- [Y] BE 680598 A 19661107
- [Y] DE 1028910 B 19580424 - VER DEUTSCHE METALLWERKE AG
- [A] US 2564695 A 19510821 - JOHNSON JR ARTHUR C, et al
- [AD] FR 1294551 A 19620526 - ICI LTD
- [AD] WO 8300213 A1 19830120 - PALCHER JOSEPH J
- [A] US 3760729 A 19730925 - FREEMAN D
- [A] GB 1588834 A 19810429 - HERSTAL SA
- [A] FR 1489207 A 19670721
- [A] FR 2376395 A1 19780728 - OLIVIE MAITENA [FR]
- [A] FR 2287324 A1 19760507 - PHILIPPE JOSETTE [FR]
- [A] W. BEITZ et al.: "Taschenbuch für den Maschinenbau" 14e édition, 1981, pages 1392,1450, Springer-Verlag, Berlin, DE;

Cited by  
DE4229559C2

Designated contracting state (EPC)  
AT BE DE GB IT NL SE

DOCDB simple family (publication)  
**EP 0147314 A2 19850703; EP 0147314 A3 19850807; EP 0147314 B1 19880601**; AT E34837 T1 19880615; DE 3471740 D1 19880707; ES 295770 U 19870416; ES 295770 Y 19871201; FR 2557285 A1 19850628; FR 2557285 B1 19861219; NO 157633 B 19880111; NO 157633 C 19880420; NO 845200 L 19850624

DOCDB simple family (application)  
**EP 84402665 A 19841220**; AT 84402665 T 19841220; DE 3471740 T 19841220; ES 295770 U 19841221; FR 8320532 A 19831222; NO 845200 A 19841221