

Title (en)

Stabilization fins for an arrow-type penetrator.

Title (de)

Stabilisierungsflossen für einen in Pfeilform ausgebildeten Penetrator.

Title (fr)

Empennage pour projectile à énergie cinétique de type flèche.

Publication

EP 0249525 A1 19871216 (FR)

Application

EP 87401209 A 19870529

Priority

FR 8608095 A 19860605

Abstract (en)

1. A fin assembly for a kinetic energy projectile of the AP-FS-DS type, including an elongated penetrator made of a heavy material, characterized in that it is made of a material consisting of a plastic compound which includes 0% to 60% by weight of strengthening material and/or charge, and in that the so-constituted material has a melting temperature greater than 520 degrees K and a thermal conductivity coefficient smaller than 0.25 W (m x degree K).

IPC 1-7

F42B 13/24; **F42B 13/06**

IPC 8 full level

F42B 10/06 (2006.01); **F42B 12/06** (2006.01)

CPC (source: EP)

F42B 10/06 (2013.01)

Citation (search report)

- [X] FR 1307270 A 19621026 - LE MINISTRE DES ARMEES TERRE D
- [X] FR 1288365 A 19620324 - OREGON ETABLISSEMENTS FUER PAT
- [X] DE 3119646 A1 19821202 - RHEINMETALL GMBH [DE]
- [A] EP 0010845 A1 19800514 - BANGOR PUNTA CORP [US]
- [X] NAVY TECHNICAL DISCLOSURE BULLETIN, vol. 9, no. 2, décembre 1983, pages 93-98, Navy Techn. Cat. No. 0164, Navy Case No. 66779, Washington, US; W.J. WALLACE: "Composite airfoil"

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EP0484958A3; US5158509A; FR2651309A1; US5112008A; GB2228987A; GB2228987B; AU600810B2; WO8807169A1

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