

Title (en)  
PROJECTILE WITH ARMOUR-PIERCING CORE

Publication  
**EP 0089000 A3 19831130 (DE)**

Application  
**EP 83102301 A 19830309**

Priority  
DE 3208809 A 19820311

Abstract (en)  
[origin: US4616569A] An armor-penetrating projectile comprises an outer substantially cylindrically tubular member of great length/diameter ratio and density, centered on an axis, and having an axially throughgoing bore defined by an inner surface and an axially elongated inner member of greater strength and elasticity than the outer member extending axially through the bore the full length of the outer member and having an outer surface in tight radial contact with the inner surface of the outer member at at least a plurality of annular locations spaced along the axis. This inner member can be a bundle of wires that is inserted through the bore after the outer member has been expanded by heat, then twisted and longitudinally prestressed to lock tightly in the outer member.

IPC 1-7  
**F42B 13/06**

IPC 8 full level  
**F42B 12/06** (2006.01)

CPC (source: EP US)  
**F42B 12/06** (2013.01 - EP US)

Citation (search report)  
• [X] EP 0013367 A1 19800723 - ALLIED CORP [US]  
• [X] DE 85148 C  
• [P] EP 0051375 A2 19820512 - PACIFIC TECHNICA CORP [US]  
• [A] FR 1307916 A 19621103

Cited by  
CH670882A5

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

DOCDB simple family (publication)  
**EP 0089000 A2 19830921; EP 0089000 A3 19831130; EP 0089000 B1 19870708**; AT E28244 T1 19870715; DE 3208809 A1 19830922; DE 3372406 D1 19870813; US 4616569 A 19861014

DOCDB simple family (application)  
**EP 83102301 A 19830309**; AT 83102301 T 19830309; DE 3208809 A 19820311; DE 3372406 T 19830309; US 47428483 A 19830311