

Title (en)  
EXPANSION PROJECTILE

Title (de)  
EXPANSIONSGESCHOSS

Title (fr)  
PROJECTILE A EXPANSION

Publication  
**EP 0895573 A1 19990210 (DE)**

Application  
**EP 97917169 A 19970424**

Priority  
• AT 9700078 W 19970424  
• AT 73996 A 19960424

Abstract (en)  
[origin: WO9740334A1] An expansion projectile (1) with a body (2) forms at its front side a central mandrel (3) surrounded by a coaxial collar (4) with a tapering outer shape (6) towards its free edge (5). A cavity (7) open to the front is provided between collar (4) and mandrel (3). In order to obtain in a rational manner a highly effective, lead-free, monobloc projectile with a diversity of uses, the mandrel (3) consists in a manner known per se of a shaft (31) and point (32), the collar (4) touches the mandrel (3) at least in the transition zone (33) between the shaft (31) and the point (32) and the mandrel (3) extends at least up to the axial height of the collar edge (5).

IPC 1-7  
**F42B 12/34**

IPC 8 full level  
**F42B 12/34** (2006.01)

CPC (source: EP US)  
**F42B 12/34** (2013.01 - EP US)

Citation (search report)  
See references of WO 9740334A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9740334 A1 19971030**; AT 405977 B 20000125; AT A73996 A 19990515; AT E193374 T1 20000615; AU 2561397 A 19971112; AU 717451 B2 20000323; CA 2253375 A1 19971030; CA 2253375 C 20051011; DE 59701769 D1 20000629; EP 0895573 A1 19990210; EP 0895573 B1 20000524; ES 2147987 T3 20001001; PT 895573 E 20000929; US 6148731 A 20001121

DOCDB simple family (application)  
**AT 9700078 W 19970424**; AT 73996 A 19960424; AT 97917169 T 19970424; AU 2561397 A 19970424; CA 2253375 A 19970424; DE 59701769 T 19970424; EP 97917169 A 19970424; ES 97917169 T 19970424; PT 97917169 T 19970424; US 17149698 A 19981020