

Title (en)  
AMMUNITION FOR FIREARMS, ESPECIALLY SHOTGUN AMMUNITION

Publication  
**EP 0333542 B1 19930505 (FR)**

Application  
**EP 89400554 A 19890228**

Priority  
• CA 609605 A 19890828  
• FR 8802475 A 19880229

Abstract (en)  
[origin: EP0333542A1] a) Ammunition composed of a case containing the propellant charge and a subcalibre projectile for a firearm; <??>b) Ammunition, characterised in that the projectile comprises: - an internal element (5) - an external element (6) - a means (7) for the recoil-less attachment of the internal element (5) to the external element (6), the internal element (5) comprising: - a front part (8) of neutralising shape, - a rear shank (9) connected to this front part, - a percussion mass (10) fitted at least partially onto the rear shank (9), the external element (6) being composed of: - an outer jacket (19, 13) of aerodynamic shape covering the front and the lateral walls of the internal element (5) in order to give the projectile good air penetration, and the recoil-less attachment means (7) makes the connection of the internal element (5) and of the external element (6) so that, at least at the start, the external element cannot advance more rapidly than the internal element. <IMAGE>

IPC 1-7  
**F42B 7/10**

IPC 8 full level  
**F42B 7/10** (2006.01)

CPC (source: EP US)  
**F42B 7/10** (2013.01 - EP US)

Cited by  
FR2726357A1; US5804759A; FR2880680A1; FR2724450A1; US5723810A; WO2009056082A1; WO9613697A1; WO9608689A1; WO9608708A1

Designated contracting state (EPC)  
AT BE CH DE ES GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0333542 A1 19890920; EP 0333542 B1 19930505**; AT E89072 T1 19930515; AU 608998 B1 19910418; CA 1333544 C 19941220; DE 68906298 D1 19930609; DE 68906298 T2 19931202; ES 2042017 T3 19931201; FR 2627854 A1 19890901; FR 2627854 B1 19900810; US 4977834 A 19901218

DOCDB simple family (application)  
**EP 89400554 A 19890228**; AT 89400554 T 19890228; AU 4087489 A 19890829; CA 609605 A 19890828; DE 68906298 T 19890228; ES 89400554 T 19890228; FR 8802475 A 19880229; US 39919389 A 19890828