

Title (en)

GUN AMMUNITION, ESPECIALLY FOR HIGH TRAJECTORY FIRING

Publication

EP 0111195 B1 19870909 (DE)

Application

EP 83111589 A 19831119

Priority

DE 3246173 A 19821214

Abstract (en)

[origin: ES8405511A2] A multi-range ammunition unit for firing at a high angle and with preselected muzzle velocities. The ammunition unit includes at least two partial propellant charges, a first one of which is fixedly mounted to the bottom of the shell casing and the second one or ones of which are fixedly mounted to the bottom of the projectile of the ammunition unit. All partial propellant charges are coaxially arranged with respect to the shell casing. Mechanical and/or electrical ignition means are provided to first ignite the first propellant charge and then selectively sequentially ignite the second propellant charge or charges.

IPC 1-7

F42B 5/08

IPC 8 full level

F42B 12/12 (2006.01); **F42B 5/02** (2006.01); **F42B 5/08** (2006.01)

CPC (source: EP US)

F42B 5/02 (2013.01 - EP US); **F42B 5/08** (2013.01 - EP US); **F42C 19/083** (2013.01 - EP US)

Cited by

FR2819882A1; WO2012163470A1; WO2013034219A1; EP2568032A2; WO2011160750A1

Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0111195 A2 19840620; **EP 0111195 A3 19850515**; **EP 0111195 B1 19870909**; AU 2214283 A 19840621; AU 568520 B2 19880107; CA 1210276 A 19860826; DE 3246173 A1 19840614; DE 3373533 D1 19871015; ES 526102 A0 19840616; ES 8405511 A2 19840616; JP H0215794 B2 19900413; JP S59109796 A 19840625; US 4619202 A 19861028

DOCDB simple family (application)

EP 83111589 A 19831119; AU 2214283 A 19831206; CA 443129 A 19831213; DE 3246173 A 19821214; DE 3373533 T 19831119; ES 526102 A 19830929; JP 22460583 A 19831130; US 68220684 A 19841217