

Title (en)

SEAL RING FOR PYROTECHNICALLY INITIATED PROJECTILE

Publication

**EP 0530241 A4 19930630 (EN)**

Application

**EP 91909413 A 19910422**

Priority

- US 52800990 A 19900523
- US 53719090 A 19900612
- US 9102723 W 19910422

Abstract (en)

[origin: WO9118227A1] A pyrotechnically initiated explosive projectile (10) has coaxially arranged, a nose incendiary (18), a penetrator core (14), a high explosive (20), and an overall jacket (12). A seal (24) ring is installed between the nose incendiary (18) and the penetrator core (14) to preclude relative movement between the core and the jacket (12) during projectile (10) assembly, acceleration and spin up from prematurely igniting the incendiary charge. The seal ring (24) has a front collar portion (28) which preferably has a diameter greater than that of the inside diameter of the jacket (12) so that the collar (28) scrapes the inside wall of the jacket (12) during insertion to remove incendiary residual so that no incendiary can lodge between the jacket (12) and the penetrator core (14).

IPC 1-7

**F16J 15/32**; F42B 12/06; F42B 12/44; F42B 33/02

IPC 8 full level

**F42B 12/20** (2006.01); **F42B 12/44** (2006.01)

CPC (source: EP)

**F42B 12/204** (2013.01); **F42B 12/44** (2013.01)

Citation (search report)

- [A] US 2402018 A 19460611 - BURDETT PHILIP H
- See references of WO 9118227A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 9118227 A1 19911128**; AU 7865291 A 19911210; DE 69121404 D1 19960919; DE 69121404 T2 19970327; EP 0530241 A1 19930310; EP 0530241 A4 19930630; EP 0530241 B1 19960814; NO 177366 B 19950522; NO 177366 C 19950830; NO 924490 D0 19921120; NO 924490 L 19921120

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