

Title (en)

SEAL RING FOR PYROTECHNICALLY INITIATED PROJECTILE

Title (de)

DICHTUNGSRING FÜR EIN PYROTECHNISCH GEZÜNDETES GESCHOSS

Title (fr)

ANNEAU ETANCHE POUR PROJECTILE AMORCE PYROTECHNIQUEMENT

Publication

EP 0530241 B1 19960814 (EN)

Application

EP 91909413 A 19910422

Priority

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- 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 form 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

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