

Title (en)
CONNECTION RING BETWEEN A MISSILE AND A CARTRIDGE CASE

Publication
EP 0307307 B1 19920715 (FR)

Application
EP 88402250 A 19880908

Priority
FR 8712484 A 19870909

Abstract (en)
[origin: EP0307307A1] The technical sector of the invention is that of connecting devices between a projectile and a case. The device according to the invention comprises a ring (6) which has a front part (8) connected to the projectile by a first fastening means and a rear part (7) fixed to the case (2) by a second fastening means. The device is characterised in that the second fastening means is shaped in such a way that the action of the pressure of the combustion gases of the propellant charge exerted on the projectile (1) causes the separation of the latter, carrying the ring, and of the case, and in that the rear part (7) then comes into contact with an inner surface of the chamber (4) so as to ensure gastightness. The invention is used for ammunition of the backswept type fired from a smooth barrel. <IMAGE>

IPC 1-7
F42B 5/073

IPC 8 full level
F42B 5/073 (2006.01)

CPC (source: EP)
F42B 5/073 (2013.01)

Citation (examination)
US 4444113 A 19840424 - CAMPOLI RALPH F [US]

Cited by
FR2842896A1; EP1103780A1; FR2801667A1; US8522683B2; US5189254A; EP0881458A1; FR2799831A1; WO2014060237A1;
WO2009115199A1; WO2004017015A1; US6748870B2; US8430033B2; US6901866B2; FR3113728A1; WO2022049465A1; US7503262B2;
US6477958B1; FR3092660A1; WO2020165699A1; US11774225B2

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

DOCDB simple family (publication)
EP 0307307 A1 19890315; EP 0307307 B1 19920715; AT E78332 T1 19920815; DE 3872805 D1 19920820; DE 3872805 T2 19930204;
FR 2620214 A1 19890310; FR 2620214 B1 19900413; IL 87694 A0 19890228; IL 87694 A 19940530; NO 165893 B 19910114;
NO 165893 C 19910424; NO 884007 D0 19880908; NO 884007 L 19890310

DOCDB simple family (application)
EP 88402250 A 19880908; AT 88402250 T 19880908; DE 3872805 T 19880908; FR 8712484 A 19870909; IL 8769488 A 19880907;
NO 884007 A 19880908