

Title (en)
BASE PLUG FOR ARTILLERY PROJECTILES

Publication
EP 0113646 A3 19851204 (EN)

Application
EP 83830262 A 19831212

Priority
IT 1901583 A 19830105

Abstract (en)
[origin: EP0113646A2] The base plug comprises a main element (1) and a secondary element (3) constrained to one another so that the secondary element (3) can move within predetermined limits (6,7) with respect to the main element (1). When the projectile is still or in flight, prior to the splitting up, the two elements (1,3) form an assembly whose center of gravity is on the spin axis of the projectile. At the time of ejection of the useful load, the two elements move away from one another because of the centrifugal force and make the center of gravity eccentric with respect to the trajectory of the useful load. In this manner the base plug is deviated laterally to said trajectory and, since it always remains a single assembly without parts separating from it, there is no danger that some of these parts (1,3) interfere with the trajectory of the useful load ejected from the projectile.

IPC 1-7
F42B 13/02

IPC 8 full level
F42B 30/00 (2006.01)

CPC (source: EP)
F42B 30/003 (2013.01)

Citation (search report)
• [Y] FR 2316575 A1 19770128 - BOFORS AB [SE]
• [Y] DE 2104914 A1 19720817

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0113646 A2 19840718; EP 0113646 A3 19851204; IT 1159809 B 19870304; IT 8319015 A0 19830105

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