

Title (en)
SHROUDED AERIAL BOMB

Title (de)
FLUGZEUGBOMBE MIT EINER NASENUMHÜLLUNG

Title (fr)
BOMBE AERIENNE MUNIE D'UNE ENVELOPPE

Publication
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Application
EP 97955029 A 19971211

Priority
US 9723112 W 19971211

Abstract (en)
[origin: WO9930106A1] A target penetrating aerial bomb including a penetrating body (24) shaped for improved target penetration, having a narrower impact profile at approximately the same weight as an existing bomb. An aerodynamic shroud (40) encases the penetrating body (24) and emulates the aerodynamic shape of the existing bomb, and the weight, center of gravity, and moments of inertia of the bomb closely approximate those properties of the existing bomb. The bomb according to the invention may be qualified for flight by similarity to the existing bomb, and thus avoid lengthy and costly qualification procedures.

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IPC 8 full level
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CPC (source: EP KR)
F42B 12/06 (2013.01 - EP); **F42B 12/44** (2013.01 - KR); **F42B 12/625** (2013.01 - EP); **F42B 25/00** (2013.01 - EP)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9930106A1

Cited by
US8689694B2; US9587921B2

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AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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WO 9930106 A1 19990617; AT E273502 T1 20040815; AT E408801 T1 20081015; AU 7097198 A 19990628; AU 748098 B2 20020530; DE 69730252 D1 20040916; DE 69730252 T2 20041230; DK 1038152 T3 20041213; DK 1367358 T3 20090202; EG 22193 A 20021031; EP 1038152 A1 20000927; EP 1038152 A4 20030122; EP 1038152 B1 20040811; ES 2226012 T3 20050316; IL 136676 A0 20010614; IL 136676 A 20030312; JP 2001526378 A 20011218; KR 100549486 B1 20060208; KR 100549487 B1 20060208; KR 20010033035 A 20010425; KR 20020089577 A 20021129; NO 20003019 D0 20000613; NO 20003019 L 20000810; NO 318816 B1 20050509; PT 1038152 E 20041130; TR 200002553 T2 20001121; TW 381164 B 20000201

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