

Title (en)
Shrouded aerial bomb

Title (de)
Flugzeugbombe mit einer Nasenumhüllung

Title (fr)
Bombe aérienne munie d'une enveloppe

Publication
EP 1367358 B1 20080917 (EN)

Application
EP 03019851 A 19971211

Priority
• EP 03019851 A 19971211
• US 9723112 W 19971211

Abstract (en)
[origin: EP1367358A2] 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. <IMAGE>

IPC 8 full level
F42B 12/44 (2006.01); **F42B 12/06** (2006.01); **F42B 12/62** (2006.01); **F42B 25/00** (2006.01)

CPC (source: EP)
F42B 12/06 (2013.01); **F42B 12/62** (2013.01); **F42B 25/00** (2013.01)

Cited by
US9909848B2; US9739583B2; US9810513B2; WO2015175039A3; WO2015175037A3; US9816793B2; US10184763B2; US10267607B2; US10401135B2; US10520289B2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1367358 A2 20031203; **EP 1367358 A3 20040225**; **EP 1367358 B1 20080917**; PT 1367358 E 20081008

DOCDB simple family (application)
EP 03019851 A 19971211; PT 03019851 T 19971211