

Title (en)
Projectile with directed fragmentation effect

Title (de)
Geschoss mit gerichteter Splitterwirkung

Title (fr)
Projectile à effet de fragmentation orienté

Publication
EP 0807798 A1 19971119 (EN)

Application
EP 96850096 A 19960517

Priority
EP 96850096 A 19960517

Abstract (en)
The present invention relates to a method and an arrangement for bringing about, from a carrier projectile (1, 9, 14, 29, 36a, 36b) in the form of a shell, missile or equivalent, a concentrated fragment sheaf (35, 40, 44) in the direction of a target detected by a homing sensor (7, 10, 15-18) forming part of the carrier projectile. The invention is particularly characterized in that it uses a limited fragment spread within previously determined limits in the direction directly towards the target instead of, as is otherwise normal, scattering the fragments radially around the entire circumference of the carrier projectile. <IMAGE>

IPC 1-7
F42B 1/00; **F42B 12/22**; **F42C 19/095**

IPC 8 full level
F42B 12/22 (2006.01); **F42C 19/095** (2006.01)

CPC (source: EP)
F42B 12/22 (2013.01); **F42C 19/095** (2013.01)

Citation (search report)
• [A] DE 4011243 C1 19960509 - DIEHL GMBH & CO [DE]
• [A] US 3731633 A 19730508 - DAVIS D
• [A] FR 2641070 A1 19900629 - DIEHL GMBH & CO [DE]
• [A] DE 1453815 A1 19690206 - BOELKOW GMBH, et al
• [A] DE 2519507 A1 19761118 - MESSERSCHMITT BOELKOW BLOHM

Cited by
CN115355774A; EP2009387A1; FR2918168A1; US7989742B2

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

DOCDB simple family (publication)
EP 0807798 A1 19971119; **EP 0807798 B1 20020116**; AT E212122 T1 20020215; DE 69618573 D1 20020221; DE 69618573 T2 20020808; ES 2167534 T3 20020516

DOCDB simple family (application)
EP 96850096 A 19960517; AT 96850096 T 19960517; DE 69618573 T 19960517; ES 96850096 T 19960517