

Title (en)
Shrapnel type projectile

Title (de)
Gefechtskopf mit Splitterwirkung

Title (fr)
Projectile à éclats prédéterminés

Publication
EP 1045222 A3 20010725 (DE)

Application
EP 00107430 A 20000406

Priority
DE 19917173 A 19990416

Abstract (en)
[origin: EP1045222A2] A warhead (1) which produces splitters, comprises a housing (2) which contains an explosive charge (5) and a splitter unit (composed of at least one layer of heavy metal splitters (10). The splitters are located on a deformable metal sheet (12). The ho areas (14) between the splitters are filled with a cast metallic material (23) or fine metal powder (13). The splitters are in t form of balls.

IPC 1-7
F42B 12/32

IPC 8 full level
F42B 12/32 (2006.01)

CPC (source: EP)
F42B 12/32 (2013.01)

Citation (search report)
• [A] EP 0163033 A2 19851204 - BOFORS AB [SE]
• [A] EP 0831291 A1 19980325 - DIEHL GMBH & CO [DE]
• [AD] DE 3822375 A1 19890420 - AFFARSVERKET FFV [SE]
• [A] DE 3900442 A1 19900712 - DIEHL GMBH & CO [DE]
• [A] EP 0401075 A1 19901205 - THOMSON BRANDT ARMEMENTS [FR]

Cited by
WO2009007945A1; US7989742B2; EP2009387A1; FR2918168A1

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

DOCDB simple family (publication)
EP 1045222 A2 20001018; EP 1045222 A3 20010725; EP 1045222 B1 20040324; DE 19917173 A1 20001019; DE 50005760 D1 20040429

DOCDB simple family (application)
EP 00107430 A 20000406; DE 19917173 A 19990416; DE 50005760 T 20000406