Title (en)

WOUND BODY FOR USE AS AN AMMUNITION SHELL

Title (de)

WICKELKÖRPER ALS HÜLSE FÜR MUNITION

Title (fr)

CORPS BOBINE UTILISE COMME DOUILLE POUR MUNITION

Publication

EP 1290400 A1 20030312 (DE)

Application

EP 01933960 A 20010512

Priority

- DE 10025418 A 20000526
- DE 10038751 A 20000809
- EP 0105441 W 20010512

Abstract (en)

[origin: WO0190681A1] According to known techniques for winding an ammunition shell the number of thread layers is often reinforced as compared to the remaining part of the shell wall, especially in those zones of the shell where the load is the highest, thereby, however, inevitably increasing the thickness of the shell wall. If the space for the propelling charge in the wound shell is to be enlarged while the outer geometry of the wound shell remains the same, that is with the same space provided in the weapon for the charge, the wall thickness has to be reduced. In order to provide the shell with the same mechanical stability, despite the reduction in wall thickness, as shells whose wall thickness is not reduced, the wound body of the shell (50) is produced from chemical fibers (53), preferably from synthetic and inorganic chemical fibers.

IPC 1-7

F42B 5/192

IPC 8 full level

F42B 5/188 (2006.01); **F42B 5/192** (2006.01)

CPC (source: EP US)

F42B 5/188 (2013.01 - EP US); **F42B 5/192** (2013.01 - EP US)

Citation (search report)

See references of WO 0190681A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0190681 A1 20011129; AT E314621 T1 20060115; DE 10038751 A1 20011129; DE 50108555 D1 20060202; DK 1290400 T3 20060508; EP 1290400 A1 20030312; EP 1290400 B1 20051228; ES 2258083 T3 20060816; IL 153015 A0 20030624; IL 153015 A 20081229; US 2004025736 A1 20040212; US 7024999 B2 20060411

DOCDB simple family (application)

EP 0105441 W 20010512; AT 01933960 T 20010512; DE 10038751 A 20000809; DE 50108555 T 20010512; DK 01933960 T 20010512; EP 01933960 A 20010512; ES 01933960 T 20010512; IL 15301501 A 20010512; US 29661003 A 20030106