

Title (en)
Sabot for sub-caliber projectile

Title (de)
Treibspiegel für Unterkalibergeschoss

Title (fr)
Sabot pour projectile sous-calibre

Publication
EP 0999426 A1 20000510 (DE)

Application
EP 99119459 A 19990930

Priority
CH 223398 A 19981106

Abstract (en)
The anchorage is formed by grooves (6,6') arranged on the column (1,41) in which annular projections (8,8') grip onto an axial boring (7,49) of the cartridge body (4,44). The distance of the first projection from the break-off points (22,22') and the height of the projections are calculated so that the deformation takes place on the break-off points (22,22') in the elastic region at specific spread assembly of the segments. In the cartridge for sub-caliber bullet, a column with cartridge body (4,44) is anchored in the cartridge case (3,43). The cartridge case (3,43) encompasses partially the front and back ends of the column (1,41) and at least partially the cartridge body (4,44). The cartridge body (4,44) is divided into segments by slits (20,20') which are borders on an one end of the cartridge body (4,44) by breaking points (22,22').

Abstract (de)
Bei diesem Treibspiegel (2) wird die Verankerung des Pfeilgeschosses (1) mit dem Treibspiegelkörper (4) durch am Pfeilgeschoss (1) angeordnete Rillen (6), in welche in einer Axialbohrung (7) des Treibspiegelkörpers vorgesehene ringförmige Vorsprünge (8) eingreifen, gebildet. Der Abstand des ersten Vorsprungs von den Sollbruchstellen des Treibspiegelkörpers (4) und die Höhe der Vorsprünge sind derart gewählt, dass die Verformung an den Sollbruchstellen bei montagebedingter Spreizung der Segmente im elastischen Bereich liegt. <IMAGE>

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F42B 14/06

IPC 8 full level
F42B 14/06 (2006.01)

CPC (source: EP US)
F42B 14/061 (2013.01 - EP US); **F42B 14/062** (2013.01 - EP US)

Citation (applicant)
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• EP 0855573 A1 19980729 - CONTRAVES PYROTEC AG [CH]

Citation (search report)
• [A] EP 0643279 A1 19950315 - CONTRAVES PYROTEC AG [CH]
• [AD] EP 0624774 A1 19941117 - CONTRAVES PYROTEC AG [CH]
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EP 0999426 A1 20000510; EP 0999426 B1 20021113; AT E227837 T1 20021115; CA 2287021 A1 20000506; CA 2287021 C 20041005; DE 59903387 D1 20021219; DK 0999426 T3 20030303; ES 2185286 T3 20030416; NO 317767 B1 20041213; NO 995432 D0 19991105; NO 995432 L 20000508; US 6324986 B1 20011204

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